FORWARDED BY ORDER OF THE LIEUTENANT GOVERNOR OF BENGAL

LIST

OF

CIVIL OFFICERS

HOLDING

GAZETTED APPOINTMENTS UNDER THE GOVERNMENT OF INDIA,

IN THE

HOME, LEGISLATIVE, FOREIGN, AND REVENUE AND AGRICULTURAL DEPARTMENTS.

GRADATION LIST OF COVENANTED CIVILIANS UNDER THE GOVERNMENT OF INDIA

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List of Civil Officers holding gazetted appointments under the Government of India in the Home Department, as it stood on the 1st January 1890.

Names.	Appointments.	Salaries and Allowances per mensem.		
	SECRETARIAT.	R	a.	p.
Mr. A. P. MacDonnell, M.A., C.S., C.S.I.	Secretary	4,000	0	0
„ J. P. Hewett, C.S. . .	Under-Secretary	1,300	0	0
„ J. A. Stowell, U.C.S. .	Registrar, Home Dept. . . .	700	0	0
	PUNJAB.			
	Judicial.			
Sir H. M. Plowden, *Barrister-at-Law.*	Judge, Chief Court, Punjab . .	3,500	0	0
Mr. A. C. Roe, B.A., C.S. .	*Ditto ditto*	3,500	0	0
„ J. Frizelle, C.S. . .	Ditto ditto	3,500	0	0
„ A. H. Benton, M.A., C.S. .	Additional ditto	2,500+1,000	0	0
„ H. S. Rivaz, *Barrister-at-Law.*	*Officiating ditto*	3,500	0	0
	CENTRAL PROVINCES.			
	Chief Commissioner.			
Mr. A. Mackenzie, B.A., C.S., C.S.I.	Chief Commissioner	4,666	10	8
	Secretariat.			
Mr. Lindsay Neill, C.S. . .	Secretary to Chief Commissioner. (*Officiating Commissioner, Jubbulpur Division.*)	2,000+750	0	0
„ A. H. L. Fraser, C.S. .	Junior Secy. and Director of Land Records and Agriculture. (*Offg. Commissioner, Chhattisgarh Division.*)	1,500+916	0	0
„ L. K. Lawrie, C.S. . .	Asstt. Commr., 2nd class. *Offg. Secy. to Chief Commr.*	800+800	0	0
„ A. L. Saunders, C.S. .	Under-Secretary. (*Offg. Deputy Commissioner, Balaghat.*)	800+100	0	0
„ C. E. B. Critchley, U.C.S. .	Assistant Secretary. (*Offg. Under Secretary*).	620+100	0	0*
	Judicial Commissioner.			
Mr. R. J. Crosthwaite, C.S. .	Judicial Commissioner (on deputation)	3,166	10	8
„ J. W. Neill, C.S. . .	Offg. ditto			

* Pay rises from R600 to R700 per mensem.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	R a. p.
	COMMISSIONERS.	
	4 Commissioners, at R2,750 each.	
1. Mr. J. W. Neill, C.S.	Commissioner, Jubbulpur Division. (*Offg.* Judicial Commissioner.)	2,500+633 0 0
2. „ F. Venning, C.S.	Ditto, Nagpur Division	
3. Col. M. P. Ricketts, B.S.C.	(*On furlough.*)	
4. „ H. C. E. Ward, C.I.E., B.S.C.	(*Nerbudda Division.*) Hoshangabad	
	DEPUTY COMMISSIONERS.	
	1st Class, 4 at R1,833-5-4 each per mensem.	
1. Col. C. H. Grace, M.S.C.	Nagpur.	
2. „ C. W. McMinn, C.S.	(*On furlough.*)	
3. „ A. Bloomfield, B.S.C.	Narsingpur.	
4. „ C. H. Plowden, M.S.C.	Hoshangabad.	
	2nd Class, 5 at R1,666-10-8 each per mensem.	
1. Col. H. M. Repton, B.S.C.	(*On furlough.*)	
2. „ H. J. Lugard, M.S.C.	Damoh. (*Offg. 1st Class*)	+166 10 8
3. Mr. H. J. MacGeorge, U.C.S.	Chanda.	
4. Col. T. H. B. Brooke, M.S.C.	Saugor.	
5. Lieut.-Col. J. A. Temple, B.S.C.	Betul.	
	3rd Class, at R1,333-5-4 each per mensem.	
1. Col. J. W. Macdougall, M.S.C.	Nimar. (*Offg. 2nd Class*)	+333 5 4
2. Col. R. M. B. Thomas, B.S.C.	Raipur. (*Offg. 2nd Class*)	+333 5 4
3. „ T. A. Scott, B.S.C.	Wardha.	
4. Mr. T. E. Ellison, C.S.	Chhindwara.	
5. „ T. Drysdale, U.C.S.	Balaghat. (*On special duty.*)	
	4th Class, at R1,000 per mensem.	
1. Col. W. Vertue, M.S.C.	Sambalpur. (*Offg. 3rd Class*)	+266 0 0
2. „ T. W. Hogg	Mandla. (*Offg. 3rd Class*)	+266 0 0
3. Mr. J. P. Goodridge, C.S.	Raipur. (Political Agent, Chhattisgarh Feudatories.)	+450 0 0
4. „ D. O. Meiklejohn, C.S.	Bilaspur	+200 0 0 Personal allowance.
5. „ W. A. Nedham, U.C.S.	Seoni.	
	ASSISTANT COMMISSIONERS.	
	1st Class, 3 at R800 each per mensem.	
1. Aulad Husen, Khan Bahadur, C.I.E., U.C.S.	Mandla. (*Settlement Officer, 2nd Grade.*)	+200 0 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	R a. p.
	ASSTT. COMMISSIONERS—*contd.*	
2. Mr. L. K. Lawrie, C.S. .	Nagpur. (*Offg. Secy., Chief Commr.*)	
3. „ L. Gordon, U.C.S. .	(*Furlough*).	
	2nd Class, 6 at R700 each per mensem.	
1. Mr. H. H. Priest, C.S. .	Nagpur. (*Offg. Commr. of Excise, &c.*)	+333 0 0
2. „ F. A. T. Phillips, C.S. .	Nagpur. (*Offg. 1st Class and Registrar, Judl. Commr.'s Court.*)	+200 0 0
3. „ A. C. Duff, C.S. . .	(*On furlough.*)	
4. „ L. S. Carey, C.S. .	Raipur. (*Settlement Officer, 2nd Grade.*)	+300 0 0
5. „ M. W. Fox Strangways, C.S.	Jubbulpur. (*Settlement Officer, 3rd Grade.*)	+100 0 0
6. „ A. L. Saunders, C.S. .	(*Under-Secy. to Chief Commr.*) (*Offg. Depy. Commr., 4th Class.*) Balaghat.	+200 0 0
	3rd Class, 5 at R600 each per mensem.	
1. Mr. A. S. Womak, C.S. .	Bhandara (*Offg. Dy. Commr., 4th Class.*)	+266 0 0
2. „ T. C. Wilson, C.S. .	Damoh (*Offg. Asstt. Commr., 2nd Class, and Settlement Officer.*)	+200 0 0
3. Syad Ali Mahomed, N.C.S.	(*On leave on private affairs.*)	384 0 0
4. Mr. R. H. Craddock, C.S. .	Nagpur. (*Offg. Asstt. Commr., 2nd Class, and Asstt. to Commr. of Settlts. and Agri., C. P.*)	+200 0 0
5. „ H. A. Crump, C.S. .	Jubbulpur. (*Offg. Asst. Commr., 2nd Class*)	+100 0 0
	4th Class, 13.	
1. Mr. J. A. C. Skinner, C.S.	Raipur. (*Offg. Asstt. Commr., 2nd Class.*)	500+200 0 0
2. „ H. V. Drake Brockman, C.S., L.L.B., B.A.	Saugor. (*Offg. Asstt. Commr., 3rd Class.*)	500+100 0 0
3. „ H. M. Laurie, B.A., *Barrister-at-Law*, C.S.	Wardha (*Off. 3rd Class.*) . . .	500+100 0 0
4. Shanker Madho Chitnavis, N.C.S.	Chhindwara. (*Offg. Asstt. Commr., 3rd Class.*)	320+64 0 0
5. Mr. Hugh O'Beirne, C.S. .	(*On special leave to Europe.*) . .	400 0 0
6. „ C. W. E. Montgomery, C.S.	Hoshangabad	400 0 0
7. „ F. G. Sly, C.S. . .	Sambalpur	400 0 0
8. „ C. R. Cleveland, C.S. .	Bilaspur. (*Offg. 3rd Class.*) . .	500+100 0 0
9. „ E. A. de Brett, C.S. .	Raipur	400 0 0
10. „ A. B. Napier, C.S. .	Nagpur	400 0 0
11. „ E. H. Blakesby, C.S. .	Jubbulpur	400 0 0
12. „ C. W. Burn, C.S. .	Narsingpur	400 0 0
13. „ W. C. Patterson, C.S. .	Saugor	400 0 0

NAMES.	APPOINTMENTS	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	R a. p.
	EXTRA ASSISTANT COMMISSIONERS.	
	5th Grade, 3 at R600 each per mensem.	
1. Mr. F. St. Clair Williams .	Nimar. (*On privilege leave.*)	
2. „ Biresar Dat, Rai Bahadur	Jubbulpur. (*Offg. Judge, S. C. Court, Jubbulpur.*)	+160 0 0
3. Bapu Rao Patwardhan Rao Sahib.	Nagpur. (*Offg. ditto ditto.*)	+200 0 0
	4th Grade, 7 at R500 each per mensem.	
1. Mr. Rai Debi Pershad .	Bhandara.	
2. „ Grish Chandra .	Balaghat.	
3. „ Vasudeo Ballal Kher .	Narsingpur.	
4. „ C. Rangaya . .	Nagpur.	
5. „ Bhogchand . .	Saugor.	
6. „ Moreshwar Rao .	Wardha. (*On privilege leave.*)	
7. „ Bhargo Rao . .	Raipur.	
	3rd Grade, 13 at R400 each per mensem.	
1. Mr. H. E. Stanbrough .	Saugor.	
2. „ Rambhaji Rao Mahadik	(*On furlough.*)	
3. „ Vittal Rao . .	Betul.	
4. „ Purshotam Das, Rai Bahadur.	Bilaspur. (*Settlement Officer*) . .	+100 0 0
5. „ Ganpat Rao Shrikandi	Mandla.	
6. „ W. N. de'Lange .	Nagpur.	
7. „ P. M. Greany . .	Harda (Hoshangabad Dist.)	
8. „ K. M Anderson .	Nagpur.	
9. „ Waman Rao . .	Wardha.	
10. „ Huri Gopal Padhye .	(*On leave on medical certificate.*)	
11. „ Ghulam Mustaffa .	Chanda.	
12. „ Balwant Rao Gadgil .	Supdt. of the Feudatory State of Kawardha.	
	2nd Grade, 8 at R300 each per mensem.	
1. Mr. Mohan Chandra Chatterji.	Damoh.	
2. „ Mehdi Hussen .	(*On extraordinary leave for 1 year and 11 months.*)	
3. „ Yado Madho Rao .	Hoshangabad.	
4. „ M. B. Tulsing .	Narsingpur.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	R a. p.
	EXTRA ASSISTANT COMMISSIONERS—*contd.*	
5. Mr. Balaji Bhicaji Pinge .	(*On foreign service.*)	
6. „ Ganpat Rao Gokle .	Sambalpur.	
7. „ Kashinath Kesho Thakur, M.A., L.L.B.	Bilaspur.	
8. „ Trimbak Rao Sathe .	(*On foreign service.*)	
	1st Grade, 11 at R250 each per mensem.	
1. Mr. Dori Lall . .	Asstt. Settlement Officer, Hoshangabad. (*2nd grade, Sub. pro tem.*)	+150 0 0
2. „ A. Barclay . .	Burhanpur. (*2nd grade, Sub. pro tem.*)	+50 0 0
3. „ Trimbak Rao Nilkant Deshmukh.	Sambalpur. *Ditto.* (*Privilege leave.*)	
4. „ W. T. G. Mulligan, M.A., L.C.E.	(*On leave on m. c.*)	
5. „ Raghonath Rao .	(*On foreign service.*)	
6. „ Hari Lakshman Indurkar, M.A.	Raipur.	
7. „ Hurrish Chunder Bose	Jubbulpur.	
8. „ Durga Pershad .	Chanda. (*Sub. pro tem.*)	
9. „ V. Damodar . .	Jubbulpur. Ditto.	
10. „ Debi Pershad . .	Sambalpur. Ditto.	
11. „ Vishnu Daji . .	Balaghat. Ditto. *On privilege leave.*	
	OFFICIATING EXTRA ASSISTANT COMMISSIONERS.	
1. Moulvi Mahomed Hussein	Seoni	250 0 0
2. Mr. Moro Ganesh Khare .	Bilaspur	250 0 0
3. „ Moula Bux . .	Wardha	232 0 0
4. „ Mahomed Khan .	Narsingpur	250 0 0
5. „ Ram Krishna Rao .	(*On foreign service.*)	250 0 0
6. „ W. Bagley . .	Bhandara	232 0 0
7. „ Sadasheo Rao . .	Hoshangabad	250 0 0
8. „ Balaji Gangadhar .	Nagpur	200 0 0
9. „ Har Prasad . .	Nimar	250 0 0
10. „ Syad Ibrar Hussain .	Jubbulpur	250 0 0
11. „ Venaik Rao Kelkar, B.A.	Hoshangabad	250 0 0
12. „ Divakar Balkrishna .	Raipur	250 0 0
	JUDICIAL.	
Mr. R. J. Crosthwaite, C.S. .	Judicial Commr. (*On deputation.*)	
„ J. W. Neill, C.S. . .	(*Offg. Judl. Commr.*) . . .	3,133 5 4
„ F. A. T. Phillips, C.S. .	Registrar, Judl. Commr.'s Court, Nagpur.	900 0 0
„ F. C. Anderson, C.S. .	Inspector-General of Registration, &c. (*On furlough.*)	1,200 0 0
„ H. H. Priest, C.S. . .	(*Offg. Inspector-General of Registration*)	1,033 5 4
„ M. S. H. Hennessy .	Judge, Small Cause Court, Nagpur. (*On deputation.*)	1,000 0 0
Rao Sahib Bapu Rao Patwarahan.	(*Offg. Judge, Small Cause Court.*) .	800 0 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
		R a. p.
	CENTRAL PROVINCES—*contd.*	
	JUDICIAL—*contd.*	
Mr. S. Ismay, C.S.	Judge, Small Cause Court, Jubbulpur (*Offg. Depy. Commr., 4th Class.*)	800+200+200*
„ Rai Bahadur Biresar Dutt	(*Offg. ditto.*) Jubbulpur	760 0 0
„ S. H. Hennessy,	(*Offg. Cantt. Magte.*) Kamptee.	
Colonel H. H. H. Hallett	Cantonment Magistrate, Jubbulpur	* Allowance R250.
Lieut. A. Elderton	In charge of Office of Cantonment Magistrate, Saugor.	„ R100
Colonel R. Bythell, B.S.C.	Ditto, ditto, Asirgarh	„ R50.
	JAILS.	
Col. M. M. Bowie	Inspector-General of Jails. (*On Privilege leave.*)	1,800 0 0
„ H. A. Hammond	(*Offg. ditto.*)	
„ H. H. H. Hallett	Supdt., Central Jail, Jubbulpur	1,000 0 0
Surgeon T. R. Macdonald	Ditto, Nagpur	800 0 0
	EDUCATION.	
Mr. A. Monro, M.A., B.C.L., *Barrister-at-Law.*	Inspector-General.	*1,250 0 0 Pay rises to R1,500 per mensem.
Mr. G. Thompson, B.A., U.C.S.	Inspector of Schools, 3rd Grade. (*Southern Circle.*) Nagpur.	1,000
Vacant.		
Mr. J. Elliott, U.C.S.	Ditto ditto, 4th Grade. (*Northern Circle.*) Jubbulpur.	750
	High School and College, Jubbulpur.	
Mr. W. Young, U.C.S.	Principal	700+100 (allowance from Rajkumar School.)
„ J. H. Firth, U.C.S.	Professor of Mathematics	350 0 0
„ Kailas Chunder Dutt, U.C.S.	Ditto of Sanskrit	240 0 0
„ Jivan Chunder Mookerji, M.A., U.C.S.	Ditto of Physics	190 0 0
„ Haridhan Bandhopadhay, M.A., U.C.S.	Professor	180 0 0
	Normal School.	
Mr. A. P. Mitchell, U.C.S.	Supdt., Male Normal School, Jubbulpur. (*Offg. Inspector of Schools, Eastern Circle.*)	300+200
„ Nand Lall	(*Offg.*) *Ditto.*	160 0 0
Miss Grace P. Ross, U.C.S.	Lady Supdt., Female Normal School, Jubbulpur.	175 0 0
	MEDICAL.	
Deputy Surgn.-Genl. John Richards, M.B.	Deputy Surgeon-General, Nagpur	1,800 0 0
Brigade-Surgn. J. F. Barter	Civil Surgeon, Nagpur (Supdt., Lunatic Asylum, &c.).	1,093 2 0+250.
Surgeon-Major P. Cullen, M.D.	Ditto, Nimar. (*On spl. duty.*)	1,093 2 0
„ J. B. Gaffney	Ditto, Saugor. (*On privilege leave.*)	950 0 0+75 jail allowance.

* Personal allowance.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	R a. p.
	MEDICAL—*continued.*	
Surgeon-Major B. Evers, M.D., C.M.	Civil Surgeon, Raipur . . .	1,050+150 (jail allow.)
„ B. Franklin, M.D.	Ditto, Jubbulpur . . .	1,050+350 (as Supdt. Lunatic Asylum.)
„ D. N. Martin, M.D.	Sambalpur	750+50 (jail allow.)
„ Girdharilal Ratanlal Daphtary, M.D.	Civil Surgeon. (*On furlough.*)	750 0 0
„ H. K. McKay .	Ditto. Seoni. . . .	750+50 (jail allow.)
Surgeon W. A. Quayle, M.D. .	Ditto.	550+50 do.
„ J. L. Poynder .	Ditto. (*On furlough*) . .	550 0 0
„ Cecil Henderson .	Ditto. (*On furlough*) . .	550 0 0
„ G. M. J. Giles, M.B., F.R.C.S.	Ditto. (Services temporarily placed at the disposal of Government of India, Home Department.)	550+50
„ A. Silcock, M.B. .	Ditto, Bilaspur . . .	550+50 jail allow.
„ W. L. Price, M.B., C.M.	Ditto, Chhindwara. .	500+50 do.
„ F. J. Drury, M.B. .	Betul	500+50 do.
„ A. C. Deare . .	Damoh	400+50 do.
„ D. W. Scotland, M.B.	Hoshangabad	400+50 do.
„ E. C. Hare . .	Chanda	400+50 do.
Dr. R. Wilmot . . .	(*On furlough.*)	
Apothecary C. Thipthorpe .	Civil Surgeon, Wardha . . .	700+50 do.
Senr. Apothy. W. M. Mitchell	Ditto, Narsingpur . . .	350+50 do.
Asstt. Apothy. E. P. Clements	Ditto, Balaghat . . .	350+50 do.
„ J. Prentie .	Ditto, Bhandara . . .	350+50 do.
„ M. Murphy .	Asstt. to Civil Surgeon, Nagpur . .	150+40
„ M. Windross .	Ditto, Jubbulpur .	110+50
	SANITARY.	
Deputy Surgn.-Genl. John Richardson, M.B.	Sanitary Commissioner, Nagpur . .	1,800 0 0
	ECCLESIASTICAL.	
Revd. W. H. Bray . .	Senior Chaplain, Jubbulpur . .	800 0 0
„ A. G. A. Roberts .	Ditto, Nagpur . . .	800 0 0
„ J. F. W. Gompertz, B.A.	Junior Chaplain, Kamptee . .	500 0 0
„ G. M. Davies .	Ditto, Saugor . . .	500 0 0
	POLICE.	
Col. M. M. Bowie, M S C. .	Inspector-Genl. (*On privilege leave*).	1,800
	District Superintendents, 1st Class, 2 at R1,000 each per mensem.	
1. Mr. J. J. Higgins, U.C.S. .	Wardha.	
2. Col. H. Fraser, *M. Cavalry*	(*On furlough.*)	
	2nd Class, 2 at R800 each per mensem.	
1. Col. D. MacNeill, M.S.C. .	Saugor. (*Offg. 1st Class*) . . .	+200+200*
2. *Vacant.*		

* Personal allowance.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*concld.*	R a. p.
	POLICE—*contd.*	
	3rd Class, 3 at R700 each per mensem.	
1. Col. H. A. Hammond, M.S.C.	(*Offg. Inspector General of Police*) Nagpur.	+733 5 4
2. Mr. R. H. Hamilton, U.C.S.	Jubbulpur. (*Offg. 2nd Class*) . .	+100
3. „ A. B. W. Marriott, U.C.S.	Nagpur	(Draws an allowance of R50 from G. I. P. Ry.)
	4th Class, 5 at R600 each per mensem.	
1. Mr. G. J. Noble, U.C.S. .	Chhindwara. (*Offg., 3rd Class*)	+100
2. „ F. A. Naylor, U.C.S. .	Bilaspur. (*Ditto.*)	+100
3. Sirdar Bahadur Ratan Singh, U.C.S.	Raipur.	
4. Mr. F. E. Coles, U.C.S. .	Chanda.	
5. „ A. H. Morris, U.C.S. .	Sambalpur.	
	5th Class, 6 at R500 each per mensem.	
1. Mr. H. R. Stuart, U.C.S. .	(*On leave on medical certificate.*)	
2. „ A. C. Hankin, U.C.S. .	Nagpur. (On deputation as Personal Assistant, Inspector General of Police.)	+200
3. „ R. L. Hennessy, U.C.S.	Betul.	
4. „ D. G. Proby, U.C.S. .	Seoni. (*Offg., 4th Class*) . . .	+100
5. „ H. A. Playfair, U.C.S.	Bhandara.	
6. „ H. P. K. Skipton, U.C.S.	Nimar.	
	Assistant District Superintendents, 1st Grade, 2 at R300 each per mensem.	
1. Mr. C. W. McIver, U.C.S. .	Narsingpur. (*Offg. D. S. P.*) . .	+200
2. „ H. Spence, U.C.S. .	Hoshangabad. (*Offg. Dist. Supdt.*) .	+200
	2nd Grade.	
1. Mr. C. M. Seagrim, U.C.S.	Mandla (*Offg. D. S. P.*) . . .	250+200
2. „ H. Hallett, U.C.S. .	(*Transferred on probation to Burma*) .	250
3. „ J. G. J. Duff, U.C.S. .	Raipur. (*On privilege leave.*) . .	250
5. „ T. C. Fenton, U.C.S. .	Balaghat	250
6. „ W. E. Hankin, U.C.S.	Hoshangabad. Sub. *pro tem.* . .	250
7. „ G. W. Gayer, U.C.S. .	Jubbulpur. (*Offg.*)	200
8. „ J. Hurst, U.C.S. .	Damoh. (*Offg. D. S. P.*) . . .	250+200
9. „ E. Lima, U.C.S. .	Nagpur	250
10. „ Dina Nath, U.C.S. .	Jubbulpur	200
11. „ Aderjee Shapurjee .	(*On privilege leave*).	
12. „ J. D. McGuire .	Nagpur	250
13. „ Wali Mahomed Khan, U.C.S.	Saugor. (*Offg.*)	241
14. „ W. Lane . .	Raipur. (*Offg.*)	241

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R a. p.
	BURMA.		
	CHIEF COMMISSIONER.		
1. Sir C. H. T. Crosthwaite, B.C.S., K.C.S.I.	Chief Commissioner		6,666 10 0
		Sumptuary allowance	500 0 0
		Total .	7,166 10 0
2. Mr. S. W. Coxon, U.C.S. .	Officiating Personal Assistant to the Chief Commissioner.		250 0 0
	SECRETARIAT.		
1. Mr. E. S. Symes, B.C.S., C.I.E.	Chief Secretary to the Chief Commissioner. (*Offg. Commissioner, Eastern Division.*)		
2. „ H. T. White, B.C.S. .	Secretary. (*Offg. Chief Secretary to the Chief Commissioner.*)		1,500 0 0
		Acting allowance	666 10 8
		Total .	2,166 10 8
3. „ C. G. Bayne, B.C.S. .	Deputy Commissioner, 4th Grade. (*Offg. Secretary to the Chief Commissioner.*)		1,200 0 0
		Acting allowance	300 0 0
		Total . .	1,500 0 0
4. „ D. H. R. Twomey, B.C.S.	Under-Secretary to the Chief Commissioner.		1,000 0 0
5. „ H. R. H. Coxe, B.C.S. .	Ditto ditto . .		1,000 0 0
6. „ G. C. Kynoch, U.C.S.	Assistant Secretary to the Chief Commissioner.		800 0 0
	REVENUE DEPARTMENT.		
1. Mr. F. W. R. Fryer, B.C.S.	Financial Commissioner . . .		3,000 0 0
2. „ C. A. Soppitt, U.C.S.[1].	Secretary to Financial Commissioner .		500 0 0
		Acting allowance	200 0 0
		Total .	700 0 0
	COMMISSIONERS.		
	Eight at R2,500 a month.		
1. Mr. G. J. S. Hodgkinson, B.C.S., C.S.I.	Commissioner, Pegu Division . .		2,500 0 0
		Travelling allowance	250 0 0
		Total .	2,750 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Commissioners—*contd.*				
2. Col. W. C. Plant, M.S.C. .	Commissioner, Tenasserim Division .		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
3. Mr. G. D. Burgess, B.C.S., C.S.I.	(*On furlough for 2 years, from 23rd February 1888.*)				
4. „ H. St. G. Tucker, B.C.S.	(*On furlough for 2 years, from 26th April 1889.*)				
5. „ W. deC. Ireland, B.A., LL.D., U.C.S.	(*On furlough for 2 years, from 8th January 1888.*)				
6. „ J. J. D. LaTouche, B.C.S.	Commissioner, Southern Division .		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
7. „ D. M. Smeaton, M.A., B.C.S.	Commissioner, Central Division . .		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
8. Col. G. A. Strover, M.S.C.	Commissioner, Northern Division . .		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
9. Mr. E. S. Symes, B.C.S., C.I.E.	Commissioner, Eastern Division. (*Offg.*)		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
	Deputy Commissioners (35).				
	1st Grade, 8 at R1,833-5-4 each per mensem.				
1. Col. W. W. Pemberton, M.S.C.	(*On privilege leave for 3 months, from 25th October 1889.*)				
2. Mr. J. K. Macrae, U.C.S. .	Hanthawaddy District . . .		1,833	5	4
3. Colonel H. R. Spearman, B.S.C.	(*Offg. Commr., from 29th February 1888, Irrawaddy Division.*)	Acting allowance	500	0	0
		Travelling allowance	250	0	0
		Total .	2,583	5	4

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	BURMA—*contd.*				
	DEPUTY COMMISSIONERS—*contd.*				
	1st Grade, 8 at R1,833-5-4 each per mensem—contd.				
4. Mr. H. Buckle, U.C.S.	*Arrakan Division. (Offg. Commr., from 2nd March 1888.)*		1,833	5	4
		Acting allowance	500	0	0
		Travelling allowance	250	0	0
		Total .	2,583	5	4
5. Col. M. Furlong, M.S.C. .	*(On furlough for 18 months, from 30th March 1889.)*				
6. Major J. Butler, B.S.C. .	*(On furlough for 1 year, from 17th March 1889).*				
7. „ C. B. Cooke, M.S.C.	Mandalay District.				
8. *Vacant.*					
	2nd Grade, 10 (temporarily 11) at R1,666-10-8 each per mensem.				
1. Mr. G. L. Weidemann, B.C.S.	*(On furlough for 19 months, from 15th March 1889.)*				
2. Lieut.-Col. G. Alexander, B.S.C.	Mergui *(Offg. 1st Grade, from 1st December 1888.)*		1,666	10	8
		Acting allowance .	166	10	8
		Total .	1,833	5	4
3. Mr. C. J. A. Duke, U.C.S.	Kyaukpyu		1,666	10	8
4. „ W. C. Midwinter, U.C.S.	Toungoo. *(Offg. 1st Grade, from 6th March 1889.)*		1,666	10	8
		Acting allowance .	166	10	8
		Total .	1,833	5	4
5. „ A. R. Birks, B.A., B.C.S. *(Barrister-at-Law).*	Bassein. *(Offg. 1st Grade, from 13th March 1889.)*		1,666	10	8
		Acting allowance .	166	10	8
		Total .	1,833	5	4
6. Major C. A. Cresswell, M.S.C.	Akyab. *(Offg. 1st Grade, from 3rd April 1889.)*		1,666	10	8
		Acting allowance .	166	10	8
		Total .	1,833	5	4
7. „ C. H. E. Adamson, M.S.C., C.I.E.	Kyauksè. *(Offg. 1st Grade, from 21st November 1889.)*		1,666	10	8
		Acting allowance .	166	10	8
		Total .	1,833	5	4

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	
	DEPUTY COMMISSIONERS—*contd.*	R a. p.
	2nd Grade, 10 at R1,666-10-8 each per mensem—contd.	
8. Major B. A. N. Parrott, M.S.C.	(*On privilege leave for 1 month and 26 days from 21st November 1889.*)	
9. Mr. K. G. Burne, U.C.S. .	Thayetmyo	1,666 10 8
10. Major F. D. Raikes, C.I.E., BO. S.C.	(*On leave on medical certificate for 1 year*).	
11. Mr. F. S. Copleston, B.C.S.	*En-route* to Myingyan on special duty .	1,666 10 8
	3rd Grade, 10 at R1,333-5-4 each per mensem.	
1. Major W. F. H. Grey, B.S.C.	Prome. (*Offg., 2nd Grade, from 1st December 1888.*)	1,333 5 4
		Acting allowance . 333 5 4
		Total . 1,666 10 8
2. „ T. M. Jenkins, M.S.C.	Tavoy. (*Offg. 2nd Grade, from 20th December 1888.*)	1,333 5 4
		Acting allowance . 333 5 4
		Total . 1,666 10 8
3. Mr. D. Norton, B.C.S. .	Rangoon. (*Offg. 2nd Grade, from 1st December 1888.*)	1,333 5 4
		Acting allowance . 333 5 4
		Total . 1,666 10 8
4. „ J. E. Bridges, B.C.S. .	Prome. Additional Sessions Judge, Pegu and Irrawaddy Divisions.	
5. „ A. M. B. Irwin, B.C.S.	Pegu. (*Offg. 2nd Grade, from 6th March 1889.*)	1,333 5 4
		Acting allowance . 333 5 4
		Total . 1,666 10 8
6. „ H. Adamson, M.A., B.C.S.	Monywa. (*Offg. 2nd Grade, from 13th March 1889.*)	1,333 5 4
		Acting allowance . 333 5 4
		Total . 1,666 10 8
7. „ D. J. A. Campbell, B.C.S.	(*On furlough for 2 years, from 4th November 1888.*)	
8. „ H. G. Batten, U.C.S. .	Maubin. (*Offg. 2nd Grade, from 11th November 1889.*)	1,333 5 4
		Acting allowance . 333 5 4
		Total . 1,666 10 8

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	R a. p.
	DEPUTY COMMISSIONERS—*contd.*	
	3rd Grade, 10 at R1,333-5-4 each per mensem—contd.	
9. Major G. S. Eyre, Asso. Inst. Agri., B.S.C.	(*On furlough on medical certificate for 1 year, from 3rd March 1889.*)	
10. Captain R. C. Temple, B.S.C.	Seconded.	
	4th Grade, 6 at R1,200 a month.	
1. Mr. R. A. Lamb, BO. S.C.	Sagaing. (*Offg. 2nd Grade, from 3rd April 1889*)	1,200 0 0 Acting allowance . 333 5 4 Total . 1,533 5 4
2. „ G. W. Shaw, B.C.S.	Bhamo. (*Offg 2nd Grade, from 8th April 1889.*)	1,200 0 0 Acting allowance . 333 5 4 Total . 1,533 5 4
3. „ H. L. Eales, B.C.S.	Tharrawaddy. (*Offg. 3rd Grade, from 14th November 1889.*)	1,200 0 0 Acting allowance . 133 5 4 Total . 1,333 5 4
4. „ C. G. Bayne, B.C.S.	*Offg. Secretary to the Chief Commissioner, from 1st August 1888.*	
5. „ W. T. Morison, B. C.S.	Shwebo. (*Offg. 3rd Grade, from 11th November 1889.*)	1,200 0 0 Acting allowance . 133 5 4 Total . 1,333 5 4
6. „ F. C. Gates, B.C.S.	Katha. (*Offg. 3rd Grade, from 29th October 1889.*) Supernumerary.	1,200 0 0 Acting allowance . 133 5 4 Total . 1,333 5 4
	ASSISTANT COMMISSIONERS.	
	1st Grade, 10 at R1,000 each per mensem.	
1. Mr. T. C. Mitchell, M.A., B.C.S.	Bassein	1,000 0 0
2. „ D. L. M. Mackay, B.C.S.	Rangoon Cantonment Magistrate .	1,000 0 0 Leave allowance . 100 0 0 Total . 1,100 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p
	BURMA—*contd.*				
	Assistant Commissioners—*contd.* *1st Grade, 10 at R1,000 each per mensem*—contd.				
3. Mr. W. G. L. Rice, B.C.S. .	Moulmein. (*Offg. Deputy Commissioner, 3rd Grade, from 25th October 1889.*)		1,000	0	0
		Acting allowance .	266	10	8
		Total .	1,266	10	8
4. „ A. E. Hurry, B.A., B.C.S.	Kindat. (*Offg. Deputy Commissioner, 3rd Grade, from 1st December 1888.*)		1,000	0	0
		Acting allowance .	266	10	8
		Total .	1,266	10	8
5. „ A. S. Fleming, B.C.S.	Pakokku. (*Offg. Deputy Commissioner, 3ra Grade, from 10th January 1889.*)		1,000	0	0
		Acting allowance .	266	10	8
		Total .	1,266	10	8
6. „ H. P. Todd Naylor, C.I.E., B.C.S.	Magwo. (*Offg Deputy Commissioner, 3rd Grade, from 1st December 1888.*)		1,000	0	0
		Acting allowance .	266	10	8
		Total .	1,266	10	8
7. „ H. S. Hartnoll, B.C.S.	Minbu. (*Offg. Deputy Commissioner, 3rd Grade, from 6th March 1889*)		1,000	0	0
		Acting allowance .	266	10	8
		Total .	1,266	10	8
8. „ A. T. A. Shaw, B.C.S. .	Bassein. (*Offg. Deputy Commissioner, 3rd Grade, from 10th March 1889.*)		1,000	0	0
		Acting allowance .	266	10	8
		Total .	1,266	10	8
9. „ N. G. Cholmeley, B.A., B.C.S.	Yaméthin. (*Offg. Deputy Commissioner, 3rd Grade, from 10th March 1889.*)		1,000	0	0
		Acting allowance .	266	10	8
		Total .	1,266	10	8
10. *Vacant.*					
	2nd Grade, 11 at R700 each per mensem.				
1. Mr. W. N. Porter, U.C.S. .	Pyinmana. (*Offg. Deputy Commissioner, 3rd Grade, from 3rd April 1889.*)		700	0	0
		Acting allowance .	422	3	6
		Total .	1,122	3	6

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R a. p.
	BURMA—*contd.*		
	ASSISTANT COMMISSIONERS—*contd.* *2nd Grade, 11 at R700 each per mensem*—contd.		
2. Mr. G. M. S. Carter, U.C.S.	(*On furlough for 18 months, from 17th October 1888.*)		
3. „ B. K. S. McDermott, U.C.S.	(*On furlough for 1 year, from 6th July 1889.*)		
4. „ S. H. T. de la Corneuve, U.C.S.	(*On furlough for 1 year and 8 months, from 28th May 1889.*)		
5. Capt. T. G. Johnson, B.S.C.	Meiktila. (*Offg. Deputy Commissioner, 4th Grade, from 11th November 1889.*)		700 0 0
		Acting allowance .	422 3 6
		Total .	1,122 3 6
6. Mr. B. Houghton, M.C.S. .	Sandoway. (*Offg. Deputy Commissioner, 4th Grade, from 29th October 1889.*)		700 0 0
		Acting allowance .	333 5 4
		Total .	1,033 5 4
7. „ A. F. Pinhey, M.C.S. .	Myingyan. (*Offg. Deputy Commissioner, 4th Grade, from 3rd December 1889.*)		700 0 0
		Acting allowance .	333 5 4
		Total .	1,033 5 4
8. „ A. L. Hough, U.C.S. .	Henzada. (*Offg. Deputy Commissioner, 4th Grade, from 8th April 1889.*)		700 0 0
		Acting allowance .	333 5 4
		Total .	1,033 5 4
9. Lieut. F. D. Maxwell, M.S.C.	Shwegyin. (*Offg. Deputy Commissioner, 4th Grade, from 19th December 1889.*)		700 0 0
		Acting allowance .	333 5 4
		Total .	1,033 5 4
10. Mr. A. P. Pennel, B.A., B.C.S.	Akyab. (*Offg. 1st Grade, from 29th November 1889.*)		700 0 0
		Acting allowance .	200 0 0
		Total .	900 0 0
11. *Vacant.*			
	3rd Grade, 11 at R600 each per mensem.		
1. Mr. W. H. A. St. John Leeds, B.C.S. . .	Allanmyo. (*Offg. 1st Grade, from 1st December 1888.*)		600 0 0
		Acting allowance .	266 10 8
		Total .	866 10 8

Names.	Appointments.	Salaries and Allowances per mensem.	R a. p.
	BURMA—*contd.*		
	Assistant Commissioners—*contd.* *3rd Grade, 11 at R600 each per mensem*—contd.		
2. Mr. D. Wilson, M.A., B.C.S.	Thaton. (*Offg. 1st Grade, from 1st December 1888.*)		600 0 0
		Acting allowance .	266 10 8
		Total .	866 10 8
3. „ S. St. Westlake, BO.C.S.	Wundwin. (*Offg. 1st Grade, from 18th March 1889.*)		600 0 0
		Acting allowance .	266 10 8
		Total .	866 10 8
4. „ Maung Ba Tu, U.C.S. K.S.M.	Henzada		384 0 0
		Personal allowance .	16 0 0
		Total .	400 0 0
5. Lieut. L. C. Elliott, B.S.C.	Mogaung. (*Offg. 1st Grade, from 29th October 1889.*)		600 0 0
		Acting allowance .	266 10 8
		Total .	866 10 8
6. „ J. J. Cronin, B.S.C.	(*On furlough on medical certificate for 1 year, from 16th May 1889.*)		
7. „ W. A. W. Strickland, B.S.C.	Paungde. (*Offg. 1st Grade, from 4th June 1889.*)		600 0 0
		Acting allowance .	266 10 8
		Total .	866 10 8
8. „ H. A. Browning, B.S.C.	Mogok. (*Offg Deputy Commissioner, 4th Grade, from 25th March 1889.*)		600 0 0
		Acting allowance .	466 10 8
		Total .	1,066 10 8
3. *Vacant.*			
	4th Grade, 36 at R450 to R500 each per mensem.		
1. Lieut. N. C. Perkins, B.S.C.	Yetagyo.		
2. Mr. E. C. S. George, B.C.S.	Mandalay. (*Offg. 1st Grade, from 3rd December 1889.*)		500 0 0
		Acting allowance .	333 5 4
		Total .	833 5 4

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R a. p.
	BURMA—*contd.*		
	ASSISTANT COMMISSIONERS—*contd.*		
	4th Grade, 36 at R450 to R500 each per mensem—contd.		
3. Mr. G. Carmichael, BO. C.S.	Kyaikto. (*Offg. 2nd Grade, from 29th October 1889.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
4. „ A. R. Bonus, BO.C.S.	Yenangyaung. (*Offg. 2nd Grade, from 29th August 1889.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
5. „ F. Mc Blain, B.C.S. .	*En route* to Mandalay.		500 0 0
6. „ H. L. Tilly, U.C.S.	Yeu. (*Offg. 4th Grade, from 28th August 1889.*)		500 0 0
		Acting allowance .	466 10 8
		Total .	966 10 8
7. „ J. S. D. Fraser, U.C.S.	(*On furlough for 1 year and 10 months, from 5th October 1889.*)		
8. „ G. G. Collins, U.C.S.	Natmauk. (*Offg. 2nd Grade, from 8th December 1888.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
9. „ H. M. S. Mathews, U.C.S.	Bassein Settlement Officer .		850 0 0
10. „ R. C. Stevenson, U.C.S.	(*On furlough for 2 years, from 3rd April 1889.*)		
11. „ C. A. Soppitt, U.C.S.	Rangoon, Secretary to the Financial Commissioner. (*Offg. 2nd Grade, from 1st December 1888.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
12. Lieut. W. Ayerst, M.A., BO.S.C.	Thayetmyo. (*Offg. 2nd grade, from 5th November 1889.*) Cantonment Magistrate and Small Cause Court Judge and Treasury Officer.		500 0 0
		Acting allowance .	200 0 0
		Total .	709 0 0
13. Capt. A. B. Pritchard, B.S.C.	Mandalay.		
14. Mr. J. M. T. George, B.C.S.	Pyapon		475 0 0
15. „ C. C. Lowis, B.C.S. .	Paungbyin		450 0 0
16. „ H. G. W. Herron, B.C.S.	Pyuntaza		475 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R a. p.
	BURMA—*contd.*		
	Assistant Commissioners—*contd.*		
	4th Grade, 36 at R450 to R500 each per mensem—contd.		
17. Mr. D. Ross, U.C.S.	Fort White (*Offg. 2nd Grade, from 18th March 1889.*) Political Officer, Chin-Lushai Expeditionary Force, Addl. Sessions Judge.		500 0 0
		Acting allowance	200 0 0
		Special allowance	140 0 0
		Total	840 0 0
18. „ J. N. O. Thurston, U.C.S.	(*On leave on medical certificate for 1 year, from 3rd March 1889.*)		
19. Lieut. H. N. Warde, B.S.C.	Tabayin. (*Offg. 2nd Grade, from 11th July 1889.*)		500 0 0
		Acting allowance	200 0 0
		Total	700 0 0
20. Mr. B. S. Carey, U.C.S.	Fort White. (*On Special Duty, Offg. 2nd Grade, from 20th November 1889.*)		500 0 0
		Acting allowance	200 0 0
		Total	700 0 0
21. Lieut. D. J. C. Macnabb, B.S.C.	(*Offg. 2nd Grade, from 4th June 1889.*) On duty in Shwebo and Katha Districts.		500 0 0
		Acting allowance	200 0 0
		Total	700 0 0
22. „ G. E. T. Green, M.S.C.	Minhla. (*Offg. 2nd Grade, from 23rd March 1889.*)		500 0 0
		Acting allowance	200 0 0
		Total	700 0 0
23. „ F. H. Eliott, B.S.C.	Myinmu.		450 0 0
24. Mr. W. H. Dawson, B.C.S.	Rangoon, on special duty. (*Offg. 3rd Grade, from 5th November 1889.*)		500 0 0
		Acting allowance	100 0 0
		Total	600 0 0
25. „ B. P. Standen, B.C.S.	Meiktila		450 0 0
26. „ R. C. M. Symes, B.C.S.	Salin		450 0 0
27. Lieut. A. Wilson, BO.S.C.	Mandalay		450 0 0
28. „ E. C. Townsend, B.S.C.	Taungdwingyi. (*Offg. 3rd Grade, from 20th November 1889.*)		500 0 0
		Acting allowance	100 0 0
		Total	600 0 0
29. Mr. E. A. Moore, B.C.S.	Myingyan		450 0 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	R a. p.
	ASSISTANT COMMISSIONERS—*concld.*	
	4th Grade, 36 at R450 to R500 each per mensem—concld.	
30. Mr. A. Gaitskell, B.C.S. .	Magwe.	450 0 0
31. „ L. H. Sounders, B.C.S.	Tharrawady	450 0 0
32. „ H. G. A. Leveson, B.C.S.	Thayetmyo	450 0 0
33. „ G.E.R.G. Brown, B.C.S.	Pegu	450 0 0
34. „ W. J. S. Pyper, B.C.S.	Not joined.	
35. „ M. Laurie, B.C.S. .	Bassein.	450 0 0
36. „ G. H. Barnard, U.C.S.	Fort Stedman. (*On probation. Offg. Assistant Superintendent of the Shan States, from 9th April 1889.*)	475 0 0
37. „ C. E. Daniell, U.C.S.	(*On probation.*) Mogok, Supernumerary.	450 0 0
38. „ S. Bere, U.C.S. .	(*On probation.*) Myanaung, Supernumerary.	450 0 0
39. „ T. J. Metcalfe, U.C.S.	(*On probation*). Moulmein, Supernumerary.	450 0 0
	EXTRA ASSISTANT COMMISSIONERS.	
	1st Grade, 2 at R800 each per mensem.	
Vacant.		
	2nd Grade, 3 at R700 each per mensem.	
1. Maung Thadowe, A.T.M. .	Akyab.	
Vacant.		
	3rd Grade, 6 at R600 each per mensem.	
1. Maung Taing . .	Toungoo, Oktwin.	
2. Mr. P. H. Martyr . .	(*On furlough for 2 years, from 11th April 1888.*)	
3. Maung Gyi (1) . .	Amherst, Apaung.	
4. Maung Po (1), K.S.M. .	Hanthawaddy, Insein, Sub-divisional Officer.	
5. Mr. J. C. Claneey . .	Rangoon. Sub. *pro tem.* (*on Special Survey Duty.*)	
Vacant.		
	4th Grade, 17 at R500 each per mensem.	
1. Mr. J. E. Moultrie .	Bassein, Ngathainggyaung, Sub-divisional Officer.	
2. „ G. E. Godber . .	Mandalay, Madaya.	
3. Maung San Hla Baw .	Akyab, Treasury Officer.	
4. „ Po (2) . .	Toungoo, Yedashe.	
5. „ Shwe Waing (1), A.T.M.	Rangoon. (*Superintendent of Stamps.*)	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	R a. p.
	EXTRA ASST. COMMRS.—*contd.*	
	4th Grade, 17 at R500 each per mensem —contd.	
6. Maung Hme (1) K.S.M. .	Prome, Shwedaung, Sub-divisional Officer.	
7. „ Gale, K.S.M. . .	Tavoy.	
8. „ Shwe Ku . .	Prome, Paungde.	
9. „ Shwe Go . .	Shwegyin, Treasury Officer.	
10. Mr. F. Ripley . .	Katha Tagyaing. (*On probation.*) Sub-divisional Officer.	
11. 12. 13. 14. 15. 16. 17. *Vacant.*		
	5th Grade, 16 at R400 each per mensem.	
1. Maung Pu (1) . .	Mandalay, Akunwun.	
2. Mr. C. W. J. Ford . .	Bassein. (*Supdt. of Land Records.*)	
3. Maung Po Han (1) . .	Pegu, Hlegu.	
4. „ Pet . . .	Tavoy, Thayetchaung.	
5. „ Mea U . .	Akyab, Akunwun.	
6. „ Shwe On . .	Tavoy, Akunwun.	
7. Mr. G. E. Warde-Jones .	(*On privilege leave for 3 months, from 13th December 1889.*)	
8. Maung San Wa . .	Taungoo.	
9. „ An . . .	Bassein.	
10. Mr. F. D. Broad . .	(*On probation.*) Henzada Treasury Officer.	
11. „ J. P. Carey . .	(*On probation.*) Mandalay, Amarapura, Sub-divisional Officer.	
12. „ H. F. P. Hall . .	(*On probation.*) Sub-divisional Officer, Meiktila, Mahlaing.	
13. „ R. A. Gibson . .	(*On probation.*) Mandalay.	
14. Maung Tun Aung (1) .	Tharrawaddy Zigôn, Sub-divisional Officer.	
15. „ Saw Hla Pru .	Kyaukse, Myitha, Sub-divisional Officer.	
16. Mr. W. A. Hertz . .	Minbu, Pyilongyaw, Sub-divisional Officer.	
	6th Grade, 20 (temporarily 27) at R300 per mensem.	
1. Maung San Ya (1) . .	Amherst, Zathabyin.	
2. „ Ogh . . .	Bassein, Myaungmya, Sub-divisional Officer.	
3. „ Pyi . . .	(*On privilege leave for 3 months, from 20th October 1889.*)	
4. „ Pe (1) . .	Thôngwa, Pantanaw, Sub-divisional Officer.	
5. „ Tha No . .	Thongwa, Yandon, Sub-divisional Officer.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	R a. p.
	EXTRA ASST. COMMRS.—*concld.*	
	6th Grade, 20 (temporarily 27) at R300 per mensem—concld.	
6. Maung Tet Kaing . .	(*Leave on medical certificate for 3 months, from September 1889.*)	
7. „ Shwe Pé . .	Tharrawaddy, Tapun.	
8. Mr. J. L. Lang . .	Amherst, Moulmein, Sub-divisional and Treasury Officer.	
9. „ W. F. Noyce . .	Rangoon. Collector of Income-tax.	
10. „ E. P. Cloney . .	Bhamo, Shwegu, Sub-divisional Officer.	
11. „ A. E. Rawlings .	Upper Chindwin, Kalemyo.	
12. „ E. Fowle . .	Kawlin, Sub-divisional Officer.	
13. „ N. K. Fraser . .	Northern Shan States, Lasbio.	
14. „ R. Moore . .	Mandalay, Maymyo.	
15. „ R. Beale . .	(*On probation.*) Pegu, Sub-divisional and Treasury Officer.	
16. „ A. A. T. Sarfas .	(*On probation.*) Pegu, Kyauktan, Sub-divisional Officer.	
17. „ A. B. Savage . .	(*On probation.*) Shwebo, Sub-divisional Officer.	
18. „ A. C. Beale .	Yamethin, Pyawbwé. (*On probation.*)	
19. Maung Ket, K.S.M. . .	(*On probation.*) Minbu, Sagu, Sub-divisional Officer.	
20. „ Shwe Bu . .	(*On probation.*) Prome, Sub-divisional Officer.	
21. „ Aung Min . .	(*On probation.*) Shwebo, Sheinmaga, Sub-divisional Officer.	
22. „ Myat Tun Aung, T.D.M.	(*On probation.*) Upper Chindwin, Lawtha, Sub-divisional Officer.	
23. Mr. G. C. B. Stirling .	(*On probation.*) Shan States, Fort Stedman.	
24. Maung Shwe Gyok .	(*On probation.*) Prome, Superintendent of Land Records.	
25. Mr. W. H. Purchase .	(*On probation.*) Bassein, Treasury Officer.	
26. „ J. H. Merrifield .	Mergui, Moulmein. (*On probation.*)	
27. „ R. R. T. Wall .	Kyauksé. (*On probation.*) Sub-divisional Officer.	
28. „ C. E. Brown . .	Upper Chindwin, Mingin. (*On probation.*) Sub-divisional Officer.	
29. Maung Myat Kyi . .	Akyab, Honorary.	
	MYOÔKS.	
	1st Grade, at R250 each per mensem.	
1. Maung Tet To . .	Thayetmyo, Mindon.	
2. „ Tha Nyo . .	Amherst, Hlaingpwe.	
3. „ Myat Min . .	Amherst, Ye.	
4. „ Pe (2) . .	Toungoo, Akunwun.	
5. „ Shwe Hnya .	Kyaukpyu, Myebôn.	
6. „ Shwe Zin (1) .	Mergui, Akunwun.	
7. Mr. A. W. Buchanan .	Pagan, Sub-divisional Officer, Myingyan.	
8. Maung Mra Tha Dun .	Akyab, Kyauktaw.	
9. „ Shwe Hman .	Kyaukpyu, Ramree, Sub-divisional Officer.	
10. „ Sin . . .	Amherst, Mindôn.	

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Names.	Appointments.	Salaries and Allowances per mensem
	BURMA—*contd.*	R a. p.
	MYOÔKS—*contd.*	
	1st Grade, at R250 each per mensem—contd.	
11. Maung Pu (2) . . .	Prome, Treasury Officer.	
12. „ Pyat . . .	Henzada, Zalun.	
13. „ Hlwa . . .	Ava.	
14. Mr. W. B. Tydd . .	Pakôkku Pauk, Sub-divisional Officer.	
15. „ C. H. Duffin . .	Sagaing, Treasury Officer. (*On probation.*)	
16. Maung Pan Byu . .	Yeu Mayagan.	
17. „ Shwe Po . .	Amherst, Moulmein.	
18. „ Shwe Bwin . .	Tharrawaddy, Sub-divisional and Treasury Officer.	
19. „ Kin (1) . .	Pyinmana, Sub-divisional and Treasury Officer.	
20. „ San Pe . .	Pakôkku, Myitche, Sub-divisional Officer.	
21. „ Aung Zan . .	Yeu Taze, Sub-divisional Officer	
22. Mr. R. J. S. Kenny .	Shwebo, Tantabin, Sub-divisional Officer.	
23. Maung Pe (3). . .	Rangoon, Junior Assistant Magistrate.	
24. „ San Ya (2) . .	Katha, Kawlin.	
25. Mr. F. F. S. Carstairs .	Pyinmana (*On probation.*)	
26. Maung Pe (4), A.T.M. .	Katha, Tigyaing, Wun.	
27. „ Shaung . .	Hanthawaddy, Rangoon, Akunwun.	
	2nd Grade, 40 at R200 each per mensem.	
1. Maung Ba Gyaw . .	Pegu, Pagandaung.	
2. „ Shwe O . .	Amherst, Ngabyema.	
3. „ Lu Gyi (1) . .	Hanthawaddy, Hlaing.	
4. „ Tu (1) . .	Amherst, Chaungzon.	
5. „ Lu Gyi (2) . .	Bassein, Kyônpyaw.	
6. „ Aung Baw . .	Myingyan.	
7. „ Ôn Gaing (1) .	Prome, Thegôn.	
8. „ Shwe Gaung .	Mandalay.	
9. „ Mo (1) . .	Pegu, Kyauktaw.	
10. „ Po Thein (1) .	Mandalay, Registrar of Town lots.	
11. „ Po Tôk (1) . .	Lower Chindwin, Kani.	
12. „ Po O (1) . .	Thayetmyo, Yataung.	
13. „ Po Ni . . .	Mandalay, Junior Assistant Magistrate.	
14. „ Tha Kin . .	Hanthawaddy, Tuute.	
15. „ Thè . .	Prome, Tanbauk.	
16. „ San Do Aung .	Akyab, Myohaung, Sub-divisional Officer.	
17. „ Lu Tha, K.S.M. .	Pakôkku, Pakangyi.	
18. „ Ngwe Kaing .	Moulmein, Assistant Magistrate, Akunwun.	
19. „ Tun Nyein . .	Rangoon, Assistant Government Translator.	
20. Mr. C. J. B. Mealin . .	Shwebo Male. (*On probation.*)	
21. „ S. St. C. Lightfoot .	Myingyan, Treasury Officer. (*On probation.*)	
22. „ F. C. Nisbet . .	Thayetmyo, Yemyit, Sub-divisional Officer.	
23. Maung Tun, K.S.M. .	Shwebo.	
24. Mr. W. Calogreedy . .	Yamethin, Sub-divisional Officer.	

Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	BURMA—*contd.*	
	MYOÔKS—*contd.*	
	2nd Grade, 40 at R200 each per mensem—contd.	
25. Mr. A. Symington . .	Bhamo, Mogaung. (*On probation.*)	
26. „ E. G. Bear . .	Tavoy. (*On probation.*)	
27. Maung Tha Din . .	Bassein, Lemyethna.	
28. Mr. H. Moore Lyons .	Rangoon. Seconded.	
29. „ W. A. Graham . .	Minbu.	
30. Maung Hla Paw Zan .	(*On privilege leave for 3 months, from 5th November 1889.*)	
31. „ Yè Bya . .	Bassein, Ngaputaw.	
32. „ Ka . . .	Mandalay, Treasury Officer.	
33. „ Shwe Da . .	Amherst, Kyaikkami.	
34. Maung Po Kin (1) . .	Thayetmyo, Akunwun.	
35. „ Aung Ban . .	Akyab, Maungdaw, Sub-divisional Officer.	
36. Mr. J. Macnamara . .	Shwebo, Treasury Officer.	
37. „ H. J. Brown . .	Yeu, Treasury Officer.	
38. Maung Myat U . .	Toungoo, Leiktho.	
39. „ Tun Qwin . .	Sagaing, Akunwun.	
40. Mr. J. F. Pereira . .	Magwe, Treasury Officer.	
41. *Vacant.*		
	3rd Grade, 50 at R175 each per mensem.	
1. Maung Yan Shin . .	Salween, Papun.	
2. „ Shwe Gyè . .	Mergui, Palaw.	
3. Mr. J. H. Anderson . .	Katha.	
4. Maung Po An . .	Meiktila, Akunwun.	
5. Mr. P. M. Flannery . .	Sagaing, Chaungu.	
6. Maung Joachim . .	Bassein, Additional Assistant Settlement Officer.	
7. „ Po Thaik . .	Kyaukse, Treasury Officer.	
8. Mr. J. A. Barry . .	Lower Chindwin, Mônywa.	
9. Maung Chin Hlaw . .	Sandoway, Taungup.	
10. „ Tha Bwin . .	Akyab, Rathedaung.	
11. „ Nyo . . .	Shwegyin, Akunwun.	
12. „ Dwe . . .	Thôngwa, Danubyu.	
13. „ Pe Gyi . .	Shwegyin, Thayèthamein.	
14. „ San Da Lôk . .	Sandoway, Akunwun.	
15. „ Kan Tha . .	Prome, Shwele.	
16. Mr. E. S. Skinner . .	Meiktila, Treasury Officer.	
17. Maung Shwe Zin (1) .	Shwegyin, Bilin.	
18. Mr. H. McDonald . .	Myingyan, Sub-divisional Officer.	
19 Maung Aung Gyi, K.S.M. .	Yeu, Taze.	
20. „ Kyaw Zaw, T.D.M. .	Myingyan, Sale.	
21. „ Po Sa . .	Yamethin.	
22. „ Hla Bu . .	Pegu.	
23. Mr. H. J. Inman . .	(*On probation.*) Tharrawaddy.	
24. „ C. W. D'Arcy Porter .	Katha, Sub-divisional Officer.	
25. Maung Po Ka, T.D.M. (1) .	Myingyan, Natogyi.	
26. „ Po (3) . . .	Tharrawaddy, Gyobingauk.	
27. „ Paw Tun . .	Tharrawaddy, Minhla.	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	R a. p.
	MYOÔKS—*contd.*	
	3rd Grade, 50 at R175 each per mensem—contd.	
28. Maung Po Ka (2) . .	Tharrawaddy, Sanywe.	
29. „ Ba (1) . .	Bassein, Akunwun.	
30. „ Thaw . . .	Prome, Padaung.	
31. „ Ta Po . . .	Hanthawaddy, Kungyangôn.	
32. „ Byaung . .	Sandoway, Gwa.	
33. „ Kaung Baw . .	Bassein, Thabaung.	
34. „ Pe (5) . . .	Thôngwa, Maubin, Sub-divisional Officer.	
35. Mr. D. L. Richardson .	Sagaing, Myotha, Sub-divisional Officer.	
36. Maung Aung Hla . .	Thôngwa, Dedayè.	
37. „ Hla Baw . .	Bassein, Yegyi.	
38. Ko . . .	Bassein, Labutta.	
39. „ Shwe Paw U . .	Sandoway.	
40. Mr. H. W. Godber . .	Bhamo, Treasury Officer.	
41. Maung Myat Nyein .	(Sub. *pro tem.*) Magwe, Yenangyaung, Demarcation Officer.	
42. Mr. F. H. Giles . .	(*On probation.*) Fort Stedman, Treasury Officer. Local allowance R40.	
43. Maung Mo (2) . . .	Shwegyin, Kyaukkyi.	
44. Mahomed Ebrahim .	Yeu, Akunwun.	
45. Maung Thein (2) . .	Rangoon, Akunwun	Personal allowance, R75.
46. Mr. D. W. Kiernander .	Pakôkku, Gangaw.	
47. Maung Kye . . .	Yamethin.	
48. „ Po Bye . .	Henzada.	
49. } *Vacant.*		
50. }		
	4th Grade, 110 at R150 each per mensem.	
1. Maung Po Maung . .	Thôngwa, Wakamè.	
2. „ Chein . . .	(Sub. *pro tem.*) Bassein, Assistant Settlement Officer.	
3. „ Kutti . .	Katha, Mawteik.	
4. „ Kyaw Zan U. .	Akyab, Ponnagyun.	
5. „ So . . .	Amherst, Pagat.	
6. „ Po (4) . .	Ratnagiri. (*On special duty. Interpreter to His Highness ex-King Thibaw.*)	
7. „ Shwe . . .	Minbu, Akunwun.	
8. „ Wa . . .	Upper Chindwin, Paungbyin.	
9. „ Pe (6) . . .	Upper Chindwin, Tamu, Sub-divisional Officer.	
10. „ Sein . . .	Hanthawaddy, Hmawbi.	
11. „ Po Byu . .	Rangoon. (*On special duty in the Secretariat.*)	
12. „ Po Hla (1) . .	Toungoo, Tabye.	
13. „ Shwe Kyu . .	Mergui, Tenasserim.	
14. „ Gyi (2) . .	Henzada, Mataungda.	
15. „ San Ôn . .	Mandalay, Singu.	
16. „ Tha Do Pru .	Akyab. (*Supdt. of Land Records.*)	
17. „ Mya (1) . .	Myingyan, Pagan.	
18. „ San U . .	Pakôkku, Akunwun.	
19. „ Po Gywet . .	Pegu, Payagale.	
20. „ Shwe Aung . .	Amherst, Thaton.	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	R a. p.
	MYOÔKS—*contd.*	
	4th Grade, 110 at R150 each per mensem—contd.	
21. Maung Shwe Waing (2)	Thôngwa, Yandoon.	
22. „ Ne Dun (1)	Thayetmyo, Sinbaungwe.	
23. „ Tha Dun Aung	Tharrawaddy, Monyo.	
24. „ Ba Thaw	(*On probation.*) Thôngwa, Pyapon.	
25. „ Po Thaung	Rangoon. (*Interpreter to the Chief Commissioner.*)	
26. „ Yin Ma	Pakôkku, Laungshè.	
27. „ Po Myit	Akyab, Pauktaw.	
28. „ Kyaw Gaing	Ruby Mines, Mogôk, Treasury Officer.	
29. „ Tun Hla (1)	Upper Chindwin, Tamu.	
30. „ Po Thin	Thôngwa, Maubin, Akunwun.	
31. Mr. M. P. Southey	Toungoo, Kyathaungdaung.	
32. Maung Ôn Gaing (2)	Myingyan, Akunwun.	
33. „ Lat (1)	Pyinmana, Taungnyo.	
34. „ Tha Gyaw	Kyaukpyu, Cheduba.	
35. „ Yo	Thôngwa, Maubin, Inkunwun.	
36. „ Pu (3)	Minbu. (*On special duty.*)	
37. Mr. A. W. Munro	Tharrawaddy. (*Supdt. of Land Records*)	
38. „ E. L. M. Burke	(*On probation.*) Hanthawaddy, Rangoon, Treasury Officer.	
39. Maung Ba Gyi	Thayetmyo, Minhla.	
40. „ Hmo (1)	Ruby Mines, Twinnge.	
41. „ Po Thein (2)	Yeu, Kunôn.	
42. „ Kyi (1)	Bhamo, Sinkin.	
43. „ Po Swe	Myingyan, Kyaukpadaung.	
44. „ Mè	Kyaukpyu, An.	
45. „ Ôn Pè	Rangoon. (*Assistant Translator to Government.*)	
46. „ Aung Ko	Thayetmyo, Kama.	
47. „ Tin Gyaw	Henzada, Kanaung.	
48. Mr. F. W. Martin	Kindat, Treasury Officer.	
49. Maung Tun Min (1)	Magwe.	
50. „ Po Hla (2)	Yeu, Treasury Officer.	
51. „ Lu Maung	Prome, Akunwun.	
52. Mr. E. Millar	(*On probation.*) Yamethin Treasury Officer.	
53. Maung Po Thein (3)	Katha.	
54. „ Shwe Gyeik	Mergui, Lenya.	
55. „ Mra Tha U	Kyaukpyu, Ramree.	
56. Mr. A. F. Thomas	(*On probation.*) Magwe.	
57. Maung Tu (2), B. A.	(*On probation.*) Magwe, Taungdwingyi.	
58. Mr. G. Blake	(*On probation.*) Toungoo, Treasury Officer.	
59. Maung Tha Byaw	Kyaukpyu, Akunwun.	
60. „ Lun Maung	Pakôkku, Treasury Officer.	
61. „ Po Yin	Tavoy, Inzauk.	
62. „ Po Kin (2)	Tharrawaddy, Minhla.	
63. „ Lin	Mandalay, Lamaing.	
64. „ Pu Le	Pyinmana, Lewè.	
65. „ Tein Gywè	Bhamo.	
66. „ Ba (2)	Minbu, Kyabin.	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	R a. p.
	MYOÔKS—*contd.*	
	4th Grade, 110 at R150 each per mensem—contd.	
67. Maung Shwe Yi . .	Magwe, Satthwa.	
68. „ Kyi (2) . .	Sagaing, Myotha	Personal allowance, R25.
69. „ Ba Lat . .	Shwebo, Akunwun.	
70. „ Tha Bwe . .	Mandalay, Madaya.	
71. „ San Min . .	Sagaing, Myinmu.	
72. „ Po O (2), T. D. M.	(*On privilege leave for 1 month, from 4th December 1889.*)	
73. Mr. H. M. Govan .	Katha, Treasury Officer. (*On probation.*)	
74. Maung Sa, A. T. M. .	(*On privilege leave for 1 month and 15 days, from 13th November 1889.*)	
75. „ Hmo (2) . .	Thayetmyo, Shandatgyi.	
76. „ Po Pé (1) .	Pegu, Kawa.	
77. „ Tha Zan U. .	Lower Chindwin, Monywa, Akunwun.	
78. „ Mya (2) . .	Minbu, Salin.	
79. „ Shan Byu . .	Prome, Shwedaung. (*On probation.*)	
80. „ Pan Maung .	(*On probation*) *En route* to Kawkareik.	
81. „ San Paw U .	Tharrawaddy, Akunwun. (*On probation*)	
82. „ U Gyaw . .	Akyab, Minbya. (Sub. *pro tem.*)	
83. „ Lu Gale (1) .	Lower Chindwin, Monywa. (Sub. *pro tem.*)	
84. „ Kya Sin . .	Pakôkku, Gangaw. (*On probation.*)	
85. „ Po (5) . .	Sagaing. (Sub. *pro tem.*)	
86. „ Paw Shan . .	Sagaing, Sadaung.	
87. „ Tôk Gyi (2) .	Minbu Sidôktaya. *Ex-officio* Inspector of Police.	
88. „ Min Naing .	Yamethin, Yindaw.	
89. „ Anthony, T.D.M.	Minbu, Legaing.	
90. „ Tun Win . .	(*On duty in Chin Hills.*) (Sub. *pro tem.*)	
91. „ Lu Gale (2) .	Kyauksé, Demarcation Officer. (Sub *pro tem*).	
92. „ San Dun . .	Bassein. (Sub. *pro tem.*) (*Special field-to-field Survey.*)	
93. „ Tha Dun .	Fort White. (Sub. *pro tem.*) (*On special duty.*)	
94. „ Shwe Kyu (2) .	Sandoway. (*Special field-to-field Survey.*) (Sub. *pro tem.*)	
95. „ San Nyein .	Shwegyin. (*Special field-to-field Survey.*) (Sub. *pro tem.*)	
96. „ Thein (2) . .	Sagaing.	
97. „ Kan Gyi . .	Myingyan. (*On special duty.*)	
98. „ Po Shwe . .	Mandalay, Lundaung.	
99. „ Pyu Than .	Hanthawaddy, Henzada and Tharrawaddy. (*Special field-to-field Survey.*) (Sub. *pro tem.*)	
100. „ Tun . .	Prome. (*Special field-to-field Survey.*) (Sub. *pro tem.*)	
101. Mr. D. Hardinge . .	Rangoon. (*Special field-to-field Survey.*) (Sub. *pro tem.*)	
102. Maung Po Byu . .	Henzada. (*Special field-to-field Survey.*) (Sub. *pro tem.*)	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	R a. p.
	MYOÔKS—*contd.*	
	4th Grade, 110 at R150 each per mensem—contd.	
103. Maung Tun Aung (2) .	Amherst. (Sub. *pro tem.*)	
104. „ Po Yauk . .	Shwebo, Tantabin (*Offg.*)	
105 „ San Dwa . .	Bassein, Kangyidaung. (*Offg.*) . .	Personal allowance, R50.
106. „ Shwe Pôn .	Toungoo. (*Offg.*)	
107. „ Myit (1) . .	Magwe, Myothit. (*Offg.*)	
108. „ Tha Dun U .	Bassein, Thigwin. (*Offg.*)	
109. „ Tha Hla . .	Katha, Kyanhnyat. (*Offg.*)	
110. „ Chit Hla U .	Kyaukpyu. (*Offg.*)	
111. „ Po Saw . .	Magwe, Akunwun. (*Offg.*)	
112. „ Po Min . .	Kyauksè, Myittha. (*Offg.*)	
113. „ Ba O . .	Henzada, Akunwun. (*Offg.*)	
114. „ San Hla . .	Yamethin, Pyawbwe. (*Offg.*)	
115. „ Po Hnit . .	Pakôkku, Myaing. (*Offg.*)	
116. „ Myit (2) . .	Thayetmyo. (*Offg.*)	
117. Mr. E. Savage . .	Bhamo. (*Offg.*) (*In charge of Opium Station.*)	
118. Maung Maung . .	Pakôkku. (*Offg.*)	
119. „ Tun Aung (3) .	*En route* to Magwe. (*Offg.*)	
120. „ Hme (2) . .	Nabulè. (*Offg.*)	
121. „ Po Thein (4) .	Pegu, Akunwun. (*Offg.*)	
122. „ Po Aung . .	Shwegyin, Kyaikto. (*Offg.*)	
123. „ On Shwe . .	Mergui, Treasury Officer. (*Offg.*)	
124. „ Gyi (3) . .	Amherst, Kawkareik. (*Offg.*)	
125. „ Twe Zan . .	Kyauksè, Akunwun. (*Offg.*)	
126. „ Shwe Min .	Mandalay, Amarapura, Sub-divisional Officer. (*Offg.*)	
127. „ Po Hau (2) .	Henzada, Kyangin. (*Offg.*)	
	5th Grade, 50 at R100 each per mensem.	
1. Maung Kan Hein . .	(*On duty with Anglo-Siamese Commission.*)	
2. „ Pe (7) . .	Mandalay, Amarapura.	
3. „ Shwe Daik . .	Magwe, Natmauk.	
4. „ Po Thet . .	Myingyan, Taungtha.	
5. „ Gyi (4) . .	Pyinmana, Ele.	
6. „ Paw Tha . .	Myingyan, Tanaungdaing.	
7. „ Tha Bu . .	(*On privilege leave for 3 months, from 3rd November 1889.*)	
8. „ Po Tha . .	Meiktila Wundwin.	
9. „ Pe (8) . .	Bhamo, Shwegu.	
10. „ Pu (4) . .	Katha, Manle.	
11. „ Paw . .	Upper Chindwin, Taungdwinmyo.	
12. „ Tun Tha, T.D.M. .	Pakôkku, Yawdwin.	
13. „ Tet . . .	Pakôkku, Pauk.	
14. „ Kwe . .	Pakôkku, Tilin.	
15. „ Ku . . .	Lower Chindwin, Ayadaw.	
16. „ Tha E . .	Kyauksè, Magyigyaung.	
17. „ Gyi (5) . .	Magwe, Ywathit. (*On probation.*)	
18. „ Yeik . .	(*Under suspension.*)	
19. „ Ba Bwa . .	Chindwin, Salingyi. (*On probation.*)	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	R a. p.
	MYOÔKS—*concld.*	
	5th Grade, 50 at R100 each per mensem—contd.	
20. Maung Seik	Minbu, Ngapè. (*On probation.*) *Ex-officio* Inspector of Police.	
21. „ Set Kyaw	Pakôkku, Lingadaw. (*On probation.*)	
22. „ Po Pe (2)	Mandalay. (*In charge of Opium Station.*)	
23. „ Kyaw Tha	Bhamo, Magaung.	
24. „ Waing	Kyauksè, Hmet Kaya.	
25. „ Du Wun	Upper Chindwin, Mingin. (Sub. *pro tem.*)	
26. „ Po Sein	Upper Chindwin. (*On special duty.*) (Sub. *pro tem.*)	
27. „ Tun Min (2)	Magwe, Pui. (*On probation.*)	
28. „ Le O	Magwe, Gyôkkôn. (*On probation.*)	
29. „ Aung Kyaw Zan	Minbu Sagu. (*On probation.*)	
30. „ Pya	Myingyan, Taungnyo. (Sub. *pro tem.*)	
31. „ Maung Tin	Mergui. (*On probation.*)	
32. „ Kun Hnya	Shan States, Fort Stedman.	
33. „ Chit	Kyauksè.	
34. „ Ya Byi	Minbu, Dabwin.	
35. „ Se	Lower Chindwin, Kudaw.	
36. „ Lu Gale (3)	Shwebo, Yatha. (*On probation.*)	
37. „ Lu Gyi (3)	Bhamo, Mogaung.	
38. „ Tha Dun (2)	Meiktila, Thazi. (*On probation.*)	
39. „ Chin	Upper Chindwin. (*On special duty.*) (Sub. *pro tem.*)	
40. „ Ye Gyan	Lower Chindwin, Mintaingbin. (Sub. *pro tem.*)	
41. „ Shwe Wa	Northern Shan States, Lashio. (*On probation.*)	
42. „ Kyaw Hla	(*Temporary.*) (*On duty in the Chin Hills.*)	
43. „ Po Pé (3)	Yeu, Kyunhla. (*On probation.*)	
44. „ Nyun	Upper Chindwin, Balet. (*Offg.*)	
45. „ Ne Dun (2)	Shwebo, Kinu. (*Offg.*)	
46. „ Maw Lit	Pakôkku. (*On special duty.*) (*Offg.*)	
47. „ San Ok	Upper Chindwin, Homalin. (*Offg.*)	
48. „ Ba Hlaing	Kyauksè, Minzu.	
49. Paw Maing Naw	Bhamo, Sikaw.	
50. *Vacant.*		
	6th Grade, 15 at R50 each per mensem.	
1. Maung Tha Aung	Meiktila.	
2. „ Paw Nyun	Kyauksè, Pinle	Personal allowance, R25.
3. „ Kin (2)	Kyauksè, Paukmyaing.	
4. „ Lun Bye	Mandalay, Thôndaung.	
5. „ Tha Hlaing	„ Pyinubwin.	
6. „ Se (2)	„ Twinngè.	
7. „ Po Tôk (2)	„ Onkôn.	
8. „ San Shin	„ Wetwin	
9. „ Lat (2)	Meiktila, Pindale.	
10 „ Ôn Thi	„ Mahlaing.	
1. „ Pôn	Yeu, Kaduma.	
Vacant.		

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	R a. p.
	JUDICIAL DEPARTMENT.	
1. Mr. W. F. Agnew (B.-at-Law).	Recorder of Rangoon	2,880 0 0
2. „ W. E. Ward, M.A., C.S.I.	Judicial Commissioner . . .	2,880 0 0
3. „ D. G. Macleod, M.A., LL.D. (B.-at-Law).	Judge of the town of Moulmein . .	1,600 0 0
4. „ J. E. Bridges .	Additional Sessions Judge, Irrawaddy and Pegu Divisions.	2,250 0 0
5. „ E. Richardson . .	Civil Judge, Mandalay. Additional Sessions Judge.	800 0 0
6. „ W. Bigge (A.-at-Law) .	Judge of Small Cause Court, Rangoon .	1,000 0 0
7. Maung Ba Wa, K.S.M. .	2nd Judge of Small Cause Court, Rangoon.	500 0 0
	Law Officers.	
1. Mr. C. E. Fox (B.-at-Law).	Government Advocate . . .	1,200 0 0
2. „ J. Lowis (B.-at-Law).	Asstt. Government Advocate. (*On leave on medical certificate for 11 months, from 13th April 1889.*)	
3. „ P. C. Sen (B.-at-Law).	Asstt. Government Advocate (*Offg.*) .	350 0 0
4. „ A. L. Vaillant . .	Government Prosecutor, Rangoon .	400 0 0
5. „ C. W. Law (B.-at-Law).	„ „ Moulmein .	200 0 0
6. „ J. E. G. Villa . .	Registrar, Recorder's Court, R350; Rangoon. Registrar of the Special Court, R50.	400 0 0
	Cantonment Magistrates and Assistant Magistrates.	
1. Mr. D. L. M. Mackay, B.C.S.	Rangoon Assistant Commissioner, 1st grade Cantonment Magistrate.	Allowance . 100 0 0
2. Lieut. W. Ayerst, M.A., BO.S.C.	Thayetmyo, Cantonment Magistrate and Small Cause Court Judge.	Allowance . 100 0 0
3. Mr. E. C. S. George, B.C.S.	Mandalay.	
	JAIL DEPARTMENT.	
	Inspector General of Jails, at R2,000 a month.	
1. Surgeon-Major D. Sinclair, M.B., M. Est.	Rangoon.	
	Superintendents of Jails.	
1. Surgeon R. E. S. Davis, B.A., M.B., B. ch., M. Est.	Rangoon. Pay R700 rising to R950.	
2. Mr. F. H. Dobson, U.C.S. .	Moulmein	850 0 0
		Personal allowance . 100 0 0
		Total . 950 0 0

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	R a. p.
	EDUCATIONAL DEPARTMENT.	
	Director of Public Instruction, 1st Grade, at R1,250 rising to R1,500 a month.	
1. Mr. J. Van Someren Pope, M A.	Rangoon.	
	Inspector of Schools, Eastern Circle, at R750 rising to R1,000 a month.	
1. Mr. R. G. Hodson . .	Rangoon.	
	Inspector of Schools, Western Circle, at R500 rising to R750 a month.	
1. Mr. L. A. Goss .	Rangoon.	
	Deputy Inspectors of Schools, 1st Grade, 3 at R250 a month.	
1. Maung Po Maung . .	Prome.	
2. „ Bwa . .	Rangoon. Hanthawaddy District.	
3. „ Môn . .	Mandalay, Upper Burma, 1st Circle.	
	2nd Grade, 7 at R200 a month.	
1. Maung Shwe Hmôn .	Moulmein.	
2. „ Gauk . .	Shwegyin.	
3. „ Myat Tun . .	Mandalay, Upper Burma, 2nd Circle.	
4. „ Tun . . .	Henzada.	
5. „ Pa Ha . .	Toungoo.	
6. „ San Dwa . .	(*On deputation.*)	
7. „ Tha Dun U.		
	3rd Grade, 13 at R150 a month.	
1. Maung Nga Mè Gri . .	Akyab.	
2. „ Po Nwe . .	Bassein.	
3. „ Po Kya . .	Tharrawaddy.	
4. „ Paw Din . .	Thayetmyo.	
5. „ Tun Hla (1) .	Kyaukpya, Kyaukpyu and Sandoway.	
6. „ Nyan Kye . .	Moulmein, for Karen Schools, Amherst, Tavoy, Mergui, and Salween Districts.	
7. „ Lu . . .	Rangoon. (Sub. *pro tem.*) For Karen Schools, Hanthawaddy, Pegu, Tharrawaddy, Prome, and Thôngwa Districts.	
8. Inoddin . . .	Akyab. For Mahomedan Schools, Akyab District.	
9. Maung Taw Pru . .	Thôngwa.	
10. „ San Ye . .	Pegu.	
11. „ Tun Hla (2) . .	Rangoon.	
12. „ Po San . .	Tavoy, Tavoy and Mergui Districts.	
13. „ Pa . . .	Bassein. (Sub. *pro tem.*) For Karen Schools, Bassein, Henzada, and Thayetmyo Districts.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	*R a. p.*
	EDUCATIONAL DEPT.—*contd.*	
	Head Masters of High Schools, 3 at R300 rising to R400 a month.	
1. Mr. J. Simeon . .	Moulmein. (*Officiating.*) . . .	400 0 0 Personal allowance . 50 0 0 Total . 450 0 0
2. „ C. A. E. G. Adams .	(*On special duty—Upper Burma.*) .	400 0 0 Deputation allowance . 80 0 0 Total . 480 0 0
3. „ G. W. Bird . .	Bassein	400 0 0
	Head Masters of Normal and Practising Schools.	
1. Mr. D. Aldridge . .	Moulmein	400 0 0
2. „ J. Simon . .	Akyab	250 0 0
	MEDICAL DEPARTMENT.	
1. Surgeon-Major D. Sinclair, M.B., C.M., M. Est.	Rangoon. Inspector-General of Jails, with Civil Medical Administration, Burma.	2,000 0 0
2. Surgeon J. T. W. Leslie, M.B., C.M., B. Est.	Rangoon. Secretary to the Inspector-General of Prisons, Burma, with Civil Medical Administration.	750 0 0
3. Brigade-Surgeon H. Griffith, M. Est.	Rangoon. Civil Surgeon . . .	1,093 2 0 Allowances— Lunatic Asylum . 250 0 0 B. State Ry. 150 0 0 State prisoners . 30 0 0 Public Works Department 30 0 0 Total . 1,553 2 0
4. Surgeon-Major H. Johnstone, A.M., M.D., B. Est.	Junior Civil Surgeon	950 0 0
5. Surgeon-Major Preo Nath Mukerji, M. Est.	Civil Surgeon, Sagaing . . .	Collateral charge allowance . 100 0 0
6. Surgeon-Major G. T. Thomas, M. Est., L.R.C.P., Lond., M.R.C.S., Eng.	(*On furlough for 1 year, from 20th December 1888.*)	
7. Surgeon-Major S. H. Dantra, M.B., C.M., B. Est.	(*On furlough for 2 years, from 4th April 1888.*)	
8. Surgeon-Major Nityananda Chatterji, M. Est.	Meiktila. Civil Surgeon . . .	Collateral charge allowance . 100 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*contd.*				
9. Surgeon D. P. Warliker, M. Est.	Moulmein	Collateral charge allowances	100	0	0
		Jail	100	0	0
		Port Health Officer	75	0	0
		Total	275	0	0
10. Surgeon P. W. Dalzell, M.B., C.M., B. Est.	Bassein. Civil Surgeon. (*Offg.*)		550	0	0
		Allowances— Jail	250	0	0
		Port Health Officer	50	0	0
		Total	850	0	0
11. Surgeon E. P. Frenchman, L.M.S., Bom.; L.R.C.P., Edin.; L.P.F.S., Glas.; M. Est.	Thayetmyo. Civil Surgeon		550	0	0
		Allowances— Jail	250	0	0
		Lock Hospital	50	0	0
		Total	850	0	0
12. Surgeon, G. Shewan, B. Est.	Mandalay		650	0	0
		Allowances— Jail	250	0	0
		Total	900	0	0
13. Surgeon H. M. Hakim, M. Est.	Mandalay Shore	Collateral charge allowance	50	0	0
14. Surgeon A. L. Patch, M. Est.	Shwebo	Collateral charge allowance	100	0	0
		Jail	50	0	0
			150	0	0
15. Surgeon C. S. Rundle, M.B., C.M., B. Est.	Toungoo		550	0	0
		Allowances— Jail	150	0	0
		Lock Hospital	50	0	0
		Total	750	0	0
16. Surgeon A. O. Evans, M. Est.	Akyab. Civil Surgeon		550	0	0
		Allowances— Jail	100	0	0
		Port Health Officer	50	0	0
		Total	700	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*contd.*				
17. Surgeon C. N. Bensley, B. Est.	Minbu. Civil Surgeon . . .		400	0	0
		Allowance—Jail .	50	0	0
		Total .	450	0	0
18. „ J. H. Sellick, B. Est.	Katha. Civil Surgeon . . .		400	0	0
19. „ H. M. Morris, B. Est.	Pakôkku. Civil Surgeon . . .		400	0	0
20. „ A. L. P. Russell, B. Est.	Yamethin. Civil Surgeon . . .		400	0	0
		Allowance—Jail .	50	0	0
		Total .	450	0	0
21. „ P. G. H. Strickland, M. Est.	Bhamo. Civil Surgeon . . .	Collateral charge allowance .	100	0	0
22. Hony.-Surgn. R. S. Dawson, L.R.C.P., L.R.C.S., E., & L.S.A., Lond., M. Est.	Myingyan. Civil Surgeon . . .	Officiating .	550	0	0
		Allowance—Jail .	150	0	0
		Total .	700	0	0
23. Hony.-Surgn. C. W. E. Foster, M.R.C.S., L.S.A., Lond., U.C.S.	Mergui		700	0	0
24. „ C. G. R. Naylor, M.R.C.S., Eng., L.R.C.P., L.R.C.S., E., U.C.S.	Prome		550	0	0
1st Grade Apothecary G. H. Campbell, B. Est.	Tharrawaddy. (*Offg.* Civil Surgeon) .		350	0	0
1st Grade Apothecary H. Wells, M. Est.	Shwegyin. (*Offg.* Civil Surgeon) .		550	0	0
		Allowance—Jail	50	0	0
		Total .	600	0	0
1st Grade Apothecary J. E. Campbell, B. Est.	Pegu. (*Offg.* Civil Surgeon) . .		350	0	0
1st Grade Apothecary J. Galvin, B. Est.	Pyinmana. Civil Surgeon . . .		350	0	0
1st Grade Apothecary J. Davis, B. Est.	Henzada. Civil Surgeon . . .		350	0	0
		Allowance—Jail	75	0	0
		Total .	425	0	0
2nd Grade Apothecary D. T. Baker, M. Est.	(*On privilege leave for 2 months, from 7th December 1889.*)				
2nd Grade Apothecary C. J. Roberts, M. Est.	Kindat. Civil Surgeon . . .		350	0	0

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	R a. p.
	MEDICAL DEPARTMENT—*contd.*	
2nd Grade Apothecary W. A. Cole, M. Est.	Yeu. Civil Surgeon	350 0 0
		Allowance—Jail . 50 0 0
		Total . 400 0 0
1st Grade Asstt. Apothecary A. H. Nolan, B. Est.	Gangaw. Civil Surgeon . . .	250 0 0
		Special allowance 50 0 0
		Total . 300 0 0
1st Grade Asstt. Apothecary T. C. Lawrence, M. Est.	Tamu. (*Offg.* Civil Surgeon) . .	250 0 0
		Local allowance . 50 0 0
		Total . 300 0 0
1st Grade Asstt. Apothecary R. T. Darwin, L.R.C.P., L., R.C.S., & L.M., Edin., B. Est.	Fort Stedman. Civil Surgeon . .	350 0 0
1st Grade Asstt. Apothecary J. Dolby, B. Est.	Mogaung. Civil Surgeon . . .	350 0 0
1st Grade Asstt. Apothecary J. T. Weston, L.R.C.P., & L.M., Ire.; L.M. & L.R.C.S., Glas., L.S.A. & F.C.S., Lond., B. Est.	(*On privilege leave for 3 months, from 1st December 1889.*)	
1st Grade Asstt. Apothecary W. H. Cooper, M. Est.	Mogok. Civil Surgeon . . .	350 0 0
1st Grade Asstt. Apothecary J. Fisher, M. Est.	Môngwa. Civil Surgeon . .	350 0 0
		Allowance—Jail . 50 0 0
		Total . 400 0 0
1st Grade Asstt. Apothecary F. Bradley, B. Est.	Lashio. Civil Surgeon . . .	350 0 0
1st Grade Asstt. Apothecary R. H. Nailer, L.R.C.P. and L.R.C.S., Edin., M. Est.	Thongwa. Civil Surgeon . . .	350 0 0
		Allowance—Jail . 75 0 0
		Total . 425 0 0
1st Grade Asstt. Apothecary G. R. Gaudoin, M. Est.	Kyauksè. Civil Surgeon . . .	350 0 0
1st Grade Asstt. Apothecary E. Peacock, M. Est.	On special duty with the Yoma Expedition	110 0 0
		Local allowance—Burma . 55 0 0
		Total . 165 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*contd.*				
2nd Grade Asstt. Apothecary J. P. O'Brien, M. Est.	Mandalay		85	0	0
		Local allowance— .	42	8	0
		In Medical charge of Mily. Police Battalion Allowance .	100	0	0
		Total .	227	8	0
2nd Grade Asstt. Surgeon O. L. Munshi, B. Est.	Tavoy. Offg. Civil Surgeon . .		150	0	0
		Allowances—			
		Burma .	50	0	0
		Charge .	150	0	0
		Jail .	50	0	0
		Total .	400	0	0
2nd Grade Asstt. Surgeon D. D. Bhattacharji, B. Est.	Kyaukpyu. Civil Surgeon . .		150	0	0
		Allowances—			
		Burma .	50	0	0
		Charge .	150	0	0
		Jail .	75	0	0
		Total .	425	0	0
2nd Grade Asstt. Surgeon M. N. Roy, B. Est.	Rangoon. Resident Medical Officer .		150	0	0
	Allowances, General Hospital (Municipal)		150	0	0
		Allowance—			
		Burma .	50	0	0
		Total .	350	0	0
3rd Grade Asstt. Surgeon A. C. Ghosh, B. Est.	Sandoway. Civil Surgeon . . .		50	0	0
		Allowances—			
		Charge .	100	0	0
		Burma .	50	0	0
		Total .	200	0	0
3rd Grade Asstt. Surgeon, F. X. D'Attaides, B. Est.	Mandalay. Civil Hospital . . .		100	0	0
		Allowance—			
		Burma .	50	0	0
		Total .	150	0	0
3rd Grade Local Asstt. Surgeon Saw Bogonaw, M.D., Bur. Est.	Papon. Civil Surgeon . . .		100	0	0
3rd Grade Local Asstt. Surgeon Maung Po Kyaw, Bur. Est.	On special duty with the Yoma Expedition.		100	0	0

Names.	Appointments.	Salaries and Allowances per mensem.			
	BURMA—*contd.*		R	a.	p.
	Medical Department—*concld.*				
3rd Grade Local Asstt. Surgeon Maung Yau Hnin, Bur. Est.	Pegu (*Offg.* Civil Surgeon) . .		100	0	0
		Allowance—Charge .	100	0	0
		Total .	200	0	0
3rd Grade Local Asstt. Surgeon Maung Pha Saw, Bur. Est.	Rangoon General Hospital . .		100	0	0
3rd Grade Local Asstt. Surgeon Maung Sha Nu, Bur. Est.	Akyab. Resident Medical Officer, General Hospital.		100	0	0
3rd Grade Local Asstt. Surgeon Maung Thin, B. Est.	Meiktila Civil Hospital . . .		100	0	0
3rd Grade Local Asstt. Surgeon R. L. Po Key, Bur. Est.	Mandalay. Karen Military Police Battalion.		100	0	0
	Ecclesiastical Department.				
	Bishop of Rangoon.				
1. The Right Revd. J. M. Strachan, D.D., M.D.	Rangoon.				
	Archdeacon of Rangoon.				
1. The Venerable W. C. Noyes	(*On furlough for 2 years, from 10th March 1888.*)				
2. Revd. J. Fairclough, Missionary, S.P.G.	Rangoon. (*Officiating Archdeacon of Rangoon and Bishop's Commissary.*) Railway Chaplain	Allowance .	150	0	0
	Senior Chaplains of the Bengal Establishment, at R800 per mensem.				
1. Revd. J. S. Sandys, M.A. .	(*On furlough on medical certificate for 1 year and 3 months, from 9th October 1888.*)				
2. „ C. H. Chard . .	Port Blair.				
	Junior Chaplains of the Bengal and Madras Establishments, at R500 per mensem.				
1. Revd. G. A Ford, B.A. .	Mandalay.				
2. „ A. A. Sharp . .	Shwebo. (*Officiating.*)				
3. „ A. H. Finn . .	Rangoon Town.				
4. „ D. G. L. Browne, B.A	Thayetmyo.				
5. „ J. Low . . .	Rangoon Cantonment Chaplain (*Offg.*).				
6. „ W. E. Jones, Missionary, S.P.G.	Toungoo. (*Officiating.*)				
	List of other Clergymen receiving allowances from Government.				
1. Revd. J. A. Colbeck .	Moulmein. (*Officiating.*) . . .	Allowance	150	0	0
2. „ W. Graham, M.A. .	Chin Expedition	„	400	0	0
3. „ T. Rickard . .	Rangoon. Chaplain of Pegu . .	„	50	0	0
4. „ J. Tsan Baw . .	Rangoon. (*Offg. Port Chaplain*) .	„	100	0	0
5. „ J. E. Marks, D.D. .	Rangoon. Chaplain of Tavoy and Mergui.	„	50	0	0
6. „ J. H Nodder . .	Akyab	„	100	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	BURMA—*contd.*				
	ECCLESIASTICAL DEPARTMENT—*contd.*				
	Registrar of the Diocese and Archdeaconry of Rangoon.				
1. J. A. D. Heaton, M.A. (Barrister-at-Law).	Rangoon	Allowance	50	0	0
	POLICE DEPARTMENT.				
	Inspector-General at R2,250 a month.				
1. Brig.-Genl. E. Stedman, C.B., B.S.C.	Inspector-General of Police . .		2,250	0	0
	Deputy Inspectors-General, 2 at R1,000 to R1,250 a month.				
1. Major S. H. P. Graves, B.S.C	Rangoon, Military Police . . .				
2. Mr. J. Dixon, U.C.S. .	(*On privilege leave for 3 months, from 16th November 1889.*)				
	District Superintendents (36).				
	1st Grade, 4 at R900 each a month.				
1. Mr. B. H. Davidson, U.C.S.	Moulmein, Amherst District . .		900	0	0
2. „ T. W. Wood, U.C.S. .	(*On furlough for one year, from 20th June 1889.*)				
3. „ J. W. Olive, U.C.S. .	Rangoon		900	0	0
4. *Vacant.*					
	2nd Grade, 4 at R800 each a month.				
1. Mr. R. A. L. Fanshawe, U.C.S.	Rangoon. (*Offg. Deputy Inspector-General of Civil Police, from 16th November 1889.*)				
2. „ R. B. Hawkes, U.C.S. .	Prome. (*Offg. 1st Grade, from 22nd June 1889.*)		800	0	0
		Acting allowance	100	0	0
		Total .	900	0	0
3. „ W. A. E. Lake, U.C.S.	Rangoon Personal Assistant to the Inspector-General of Police.				
4. „ J. D. Mercer, U.C.S. .	Thayetmyo. (*Offg. 1st grade, from 29th June 1889.*)		800	0	0
		Acting allowance	100	0	0
		Total .	900	0	0
	3rd Grade, 5 at R700 each a month.				
1. Mr. C. J. O'Donoghue, U.C.S.	Kyauksè. (*Offg. 2nd Grade, from 11th April 1889.*)		700	0	0
		Acting allowance	100	0	0
		Total .	800	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R a. p.
	BURMA—*contd.*		
	Police Department—*contd.*		
	District Superintendents (36)—contd.		
	3rd Grade, 5 at R700 each a month —contd.		
2. Mr. C. V. Harris, U.C.S. .	Tavoy. (*Offg. 2nd Grade, from 9th June 1889*).		700 0 0
		Acting allowance	100 0 0
		Total .	800 0 0
3. „ R. Martin, U.C.S. .	Mandalay. (*Offg. 2nd Grade, from 29th June 1889.*)		700 0 0
		Acting allowance	100 0 0
		Total .	800 0 0
4. } *Vacant.*			
5. }			
	4th Grade, 8 (temporarily 10) at R600 each a month.		
1. Mr. A. G. Mayne, U.C.S. .	Sagaing.		
2. „ A. J. A. Jardine, U.C.S.	Meiktila. (*Offg. 3rd Grade, from 3rd February 1889.*)		600 0 0
		Acting allowance	100 0 0
		Total .	700 0 0
3. „ W. G. Snadden, U.C.S.	(*On furlough for one year, from 24th April 1889.*)		
4. „ J. M. Law, U.C.S. .	Mergui. (*Offg. 3rd Grade, from 11th April 1889.*)		600 0 0
		Acting allowance	100 0 0
		Total	700 0 0
5. „ J. C. Fanshawe, U.C.S.	Paletwa. (*Offg. 3rd Grade, from 9th June 1889.*) District Magistrate, Hill Tracts, Northern Arakan.		
6. „ F. S. Stowell, U.C.S. .	Minbu. (*Offg. 3rd Grade, from 29th June 1889.*)		600 0 0
		Acting allowance .	100 0 0
		Total .	700 0 0
7. „ M. J. Chisholm, U.C.S.	Katha.		
8. „ P J. Porter, U.C.S. .	Mogok, Ruby Mines District.		
9. „ G C. Sérres, U.C.S. .	Akyab.		
10. „ W. H. Segrave, U.C.S.	Maubin. (*Supernumerary.*)		

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	*R a. p.*
	POLICE DEPARTMENT—*contd.*	
	District Superintendents (36)—contd.	
	5th Grade, 15 at R500 a month.	
1. Mr E. H. Molloy, U.C.S.	Henzada.	
2. „ A. H. Tucker, U.C.S.	Pegu. (*Offg 4th Grade, from 28th February 1889.*)	500 0 0 Acting allowance 100 0 0 Total . 600 0 0
3. „ R. H. Greenstreet, U.C.S.	Rangoon. (*Offg. 4th Grade, from 11th April 1889, on special duty.*)	500 0 0 Acting allowance 100 0 0 Total . 600 0 0
4. „ C. M. Prendergast, U.C.S.	Shwegyin. (*Offg. 4th Grade, from 9th June 1889.*)	500 0 0 Acting allowance 100 0 0 Total . 600 0 0
5. „ W. H. Tarleton, U.C.S.	Magwe. (*Offg. 4th Grade, from 22nd June 1889.*)	500 0 0 Acting allowance 100 0 0 Total . 600 0 0
6. „ W. Pockett, U.C.S. .	Pakôkku. (*Offg. 4th Grade, from 29th June 1889*)	500 0 0 Acting allowance 100 0 0 Total . 600 0 0
7. „ E. G. Mumford, U.C.S.	Yeu. (*On probation.*)	
8. „ C. E. Lloyd, U.C.S. .	(*On probation.*) Kindat, Upper Chindwin District.	
9. „ R. A. E. Castle, U.C.S.	Yamethin.	
10. „ C. H. Serres, U.C.S. .	(*On probation.*) (*On leave on medical certificate for 2 years and 10 months, from 4th March 1887.*)	
11. „ St. Leger. B. Aldworth, U.C.S.	Rangoon, Hanthawaddy District.	
12. „ A. A. St. C. Miller, U.C.S.	Tharrawaddy.	
13. „ E. Martin, U.C.S. .	M[illegible]gyan.	
14. „ R. C. Rogers, U.C.S. .	[illegible]kpyu.	
1 *Vacant.*		

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	R a. p.
	POLICE DEPARTMENT—*contd.*	
	Asstt. District Supdts., 59. 1st Class, 11 at R400 a month.	
1. Mr. C. H. Hallett, U.C.S. .	Pyinmana Lewè.	
2. „ F. C. C. Annesley, U.C.S.	(*On furlough on medical certificate for 15 months, from 7th October 1888.*)	
3. „ H. P. Walton, U.C.S.	Monywa, Lower Chindwin. (*Offg. Supdt., 5th Grade, from 15th January 1888.*)	400 0 0 Acting allowance 100 0 0 Total . 500 0 0
4. „ H. S. Hill, U.C.S. .	Zigôn.	
5. „ R. E. Barber, U.C.S. .	Bassein. (*Offg. Dist. Supdt., 5th Grade, from 6th May 1889.*)	400 0 0 Acting allowance 100 0 0 Total . 500 0 0
6. „ H. C. Prance, U.C.S. .	Shwebo, Myedu	400 0 0
7. „ H. P. Pedler, U.C.S. .	Pyinmana. (*Offg. Dist. Supdt., 5th Grade, from 26th May 1889.*)	400 0 0 Acting allowance 100 0 0 Total . 500 0 0
8. „ H. W. Rae, U.C.S. .	(*On privilege leave for 3 months.*)	
9. „ J. W. Davidson, U.C.S.	Mergui. In charge of district.	
2 *Vacant.*		
	Asstt. District Supdts., 2nd Class, 35 at R250 a month.	
	A. List.	
1. Mr. G. W. Tarleton, U.C.S.	(*On privilege leave for 1 month and 9 days, from 22nd November 1889.*)	
2. „ W. W. Forbes, U.C.S. .	Yeu.	
5. „ J. Dobson, U.C.S. .	Sandoway. In charge of district.	
6. „ F. L. Rey, U.C.S. .	Shwebo. (*Offg. Dist. Supdt., 5th Grade, from 27th February 1889.*)	250 0 0 Acting allowance 200 0 0 Total . 450 0 0
7. „ A. D. Kiernander, U.C.S.	Mandalay. (*Offg. Dist. Supdt., 5th Grade, from 20th March 1888.*)	250 0 0 Acting allowance 200 0 0 Total . 450 0 0
8. „ W. F. Richardson, U.C.S.	Rangoon.	
9. „ E. A. W. G. McDougall, U.C.S.	Madaya.	
11. „ H. Deighton, U.C.S. .	Okpo. (*On probation.*)	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	R a. p.
	POLICE DEPARTMENT—*contd.*	
	Asstt. Dist. Supdts., 2nd Class, 35 at R250 a month—contd.	
	A. List—contd.	
12. Mr. C. L. Hobson, U.C.S. .	Pegu. (*On probation.*)	
13. „ W. N. Baines, U.C.S. .	Papun. District Magistrate, Salween. (*Offg. Dist. Supdt., 5th Grade, from 22nd June 1889.*)	250 0 0 Acting allowance . 200 0 0 Total . 450 0 0
14. „ G. Tilly, U.C.S. .	Shwegyin Kyaikto. (*On probation.*)	
15. „ C. J. Saunders, U.C.S.	Bhamo. (*Offg. Dist. Supdt., 5th Grade, from 13th June 1889.*)	250 0 0 Acting allowance . 200 0 0 Total . 450 0 0
16. „ W. D. Clark, U.C.S. .	Toungoo. (*On probation.*) (*Offg. Dist. Supdt., 5th Grade, from 13th June 1889.*)	250 0 0 Acting allowance . 200 0 0 Total . 450 0 0
17. „ R. C Cumming, U.C.S.	Ruby Mines, Shwenyaungbin.	
18. „ F. S. Orchard, U.C.S. .	Yamethin.	
19. „ B. L. Cumberland, U.C.S.	Katha, Tigyaing. (*Offg. 1st Grade, from 6th May 1889.*)	250 0 0 Acting allowance . 200 0 0 Total . 450 0 0
20. „ R. A. Simpson, U.C.S.	Prome.	
21. „ R. G. McDonnell, U.C.S	Katha, Kawlin. (*On probation.*)	
22. „ H. F. Hertz, U.C.S. .	Mandalay, Maymyo. (*On probation.*) (*Offg. 1st Grade, from 6th January 1889.*)	250 0 0 Acting allowance . 150 0 0 Total . 400 0 0
23. „ K. C. Macdonald, U.C.S.	(*Offg. 1st Grade, from 13th June 1889.*) (*On privilege leave for 3 months, from 17th October 1889.*)	250 0 0 Acting allowance . 150 0 0 Total . 400 0 0
24. Capt. P. S. Harvey .	Mandalay. (*On probation.*)	
25. Mr. E. G. Durrant, U.C.S.	Lower Chindwin, Mintaingbin. (*On probation.*)	
26. „ W. B. Stuart, U.C.S.	(*On leave on medical certificate for 1 year, from 13th May 1889.*)	
27. „ E. B. Whiting, U.C.S. .	Minbu, Pyilongyaw. (*On probation.*)	

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	Asstt. Dist. Supdts., 2nd Class, 35 at R250 a month—concld.				
	A. List—concld.				
28. Mr. H. C. Gadsden, U.C.S.	Pyapon. (*Offg. 1st Grade, from 9th June 1889.*)		250	0	0
		Acting allowance .	150	0	0
		Total .	400	0	0
29. „ E. N. Drury, U.C.S .	Rangoon. (*Offg. Dist. Supdt., 5th Grade, from 29th June 1889.*) (*Personal Assistant to the Deputy Inspector-General of Civil Police.*)		250	0	0
		Acting allowance .	200	0	0
		Staff allowance .	100	0	0
		Total .	550	0	0
30. „ A. H. Gayer, U.C.S. .	(*On leave on medical certificate for 1 year, from 16th November 1889.*)				
31. „ C. C. T. Chapman, U.C.S.	Myingyan, Kyaukpadaung.				
32. „ J. de A. Woolridge, U.C.S.	Tharrawaddy.				
33. „ A. St. J. Ingle, U.C.S.	Moulmein.				
34. Hon. A. Hay, U.C.S. .	Rangoon. Adjutant, Lower Burma Military Police.				
35. Mr. S. W. Coxon, U.C.S. .	(*Officiating Personal Assistant to the Chief Commissioner.*)				
Mr. F. S. Whiting, U.C.S. .	Magwe, Yenangyaung.				
„ G. D. Moore-Lane, U.C.S.	Shwebo, Shienmaga. (*On probation.*)				
„ R. P. Clogstoun, U.C.S.	Tharrawaddy, Teindaw. (*Offg.*)				
„ H. W. Martin, U.C.S. .	Bhamo, Shwegu. (*Offg.*)				
„ R. N. Angelo, U.C.S. .	Pakôkku, Pauk. (*Offg.*)				
„ E. C. S. Shuttleworth, U.C.S.	Yeu, Mayagan. (*Offg.*)				
„ C. H. P. Wetherell, U.C.S.	athainggyoung (*Offg.*)				
„ N. S. Field, U.C.S.	Meiktila, Mahlaing. (*Offg.*)				
„ F. de la F. Sherman, U.C.S	Magwe, Taungdwingyi. (*Offg.*)				
„ L. N. Szezepanski, U C.S.	Sagaing, Myinmu. (*Offg.*)				
„ M. C. McFarlane, U.C.S. .	Magwe, Natmouk. (*Offg.*)				
„ H. S. Wallace, U.C.S. .	Magwe, Myothit. (*Offg.*)				
„ W. A. Robinson, U.C.S. .	Minbu and Sagu. (*Offg.*)				
„ K. C. Mitchell, U.C.S. .	Pyinmana, Shwemyo. (*Offg.*)				
„ W. V. Wallace, U.C.S. .	Rangoon. (*Offg. Personal Asstt. to Deputy Inspector-General of Military Police.*)				
„ A. D. Lucas, U.C.S. .	Pakôkku, Lessè. (*Offg.*)				
„ D. G. Orchard, U.C.S. .	Yeu, Paungdaungku. (*Offg.*)				
„ L. C. Stanhope, U.C.S. .	Magwe. (*On special duty.*) (*Offg.*)				
„ R. O. Forbes, U.C.S. .	Kyauksè, Myittha. (*Offg.*)				
„ P. Bentabole, U.C.S. .	Upper Chindwin, Kindat. (*Offg.*)				
„ W. G. Bockett, U.C.S. .	Pakôkku, Yetagyo. (*Offg.*)				
„ H. N. Tuck, U.C.S. .	Pegu, Kyauktan. (*Offg.*)				
„ M. B. Comber, U.C.S. .	Hanthawaddy, Tunte. (*Offg.*)				

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	BURMA—*contd.*				
	POLICE DEPARTMENT—*contd.* *B. List.*				
	2nd Grade, 13 at R250 a month.				
1. Mr. H. Albon, U C.S.	Ratnagiri. Political Officer with H. H. *ex*-King Thibaw.				
2. Maung Man, U.C.S.	Paungdè.				
3. „ Shwe Thin, U.C.S.	Yandoon.				
4. „ Kalathi, U.C.S.	Kemmendine.				
5. „ Thu Taw U., U.C.S.	Akyab. Minbya.				
6. „ Myo, A.T.M., U.C.S.	Rangoon.				
7. „ Ba U., T.D.M., U.C.S.	Lomati.				
8. Mr. D. W. Rae, U.C.S.	Allanmyo.				
9. „ W. L. Thompson, U.C.S.	Minhla.				
10. Maung Tun Min, U C.S.	Amherst, Kawkareik. (*On probation.*)				
11. Mr. T. S. Beale, U.C.S.	Yeu. (*Offg.*)				
	Police Supply and Clothing Dept.				
1. Capt. S. C. F. Peile, B.S.C.	Rangoon. (Director of Police Supply and Clothing.)		1,000	0	0
2. „ H. Parkin, BO. S.C.	Rangoon. (Assistant Director of Police Supply and Clothing.)		600	0	0
	Commandants of Military Police Battalions.				
1. Capt. V. C. Tonnochy, 4th Sikh Infantry.	Shan States Levy, Fort Stedman. Magistrate, 1st Class.		374	1	6
		Staff allowance .	400	0	0
		Total .	774	1	6
2. Capt. E. S. Hastings, D.S.O., 25th Madras Infantry.	(*On furlough for 1 year, from 1st December 1888.*)				
3. Capt. W. Cook, 3rd Sikh Infantry.	(*On leave on private affairs for 1 year, from 9th July 1889.*)				
4. Capt. C. W. Harris, 4th Bengal Infantry.	Tamu, Kubo Valley Battalion. Magistrate, 1st Class.		374	1	6
		Staff allowance .	300	0	0
		Total .	674	1	6
5. Capt. N. A. K. Burne, 23rd Pioneers.	Pyinmana Battalion. Magistrate, 1st Class.		374	1	6
		Staff allowance .	300	0	0
		Total .	674	1	6
6. Capt. A. J. R. Hutchinson, 12th Bengal Cavalry.	Yeu Battalion. Magistrate, 1st Class .		374	1	6
		Staff allowance .	400	0	0
		Total .	774	1	6
7. Capt. F. C. Dunlop, 2nd Sikh Infantry.	Katha Battalion. Magistrate, 1st Class		374	1	6
		Staff allowance .	300	0	0
		Total .	674	1	6

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	Commandants of Military Police Battalions—contd.				
8. Capt. H. D. U. Keary, 1st Madras Pioneers.	(*On furlough on private affairs for 1 year, from 9th July 1889.*)				
9. „ H. O'Donnell, D.S.O., 44th Gurkhas.	Bhamo. Mogaung Levy. Magistrate, 1st Class.		374	1	6
		Staff allowance .	400	0	0
		Total .	774	1	6
10. „ E. T. Gastrell, 24th Punjab Infantry.	(*On furlough for 1 year, from 30th May 1889.*)				
11. Lieut. H. F. E. Hodges, 7th Bombay Cavalry.	Monywa. Lower Chindwin Battalion. Magistrate, 1st Class.		225	12	0
		Staff allowance .	300	0	0
		Total .	525	12	0
12. „ R. C. Colomb, 34th Bombay Infantry.	(*On leave on medical certificate for 1 year and 6 months, from 12th November 1888.*)				
13. „ B. W. Morton, 12th Bombay Infantry.	Magwe Battalion. Magistrate, 1st Class		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0
14. „ W. G. Alban, 13th Bombay Infantry.	Sagaing Battalion. Magistrate, 1st Class		225	12	0
		Staff allowance .	300	0	0
		Total .	525	12	0
15. „ R. P. S. Barnett, 3rd Bombay Cavalry.	Yamethin Battalion. Magistrate, 1st Class.		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0
16. „ H. F. Loch, 1st Bengal Infantry.	Upper Chindwin Battalion. Magistrate, 1st Class.		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0
17. „ F. O. Anderson, 3rd Punjab Cavalry.	Mogok. Ruby Mines Battalion. Magistrate, 1st Class.		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0
18. „ R. M. Rainey, 1st Madras Pioneers.	Gangaw. Chin Frontier Levy. Magistrate, 1st Class.		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	
	POLICE DEPARTMENT—*contd.*	
	Commandants of Military Police Battalions—concld.	
19. Lieut. H. F. Holland, 24th Punjab Infantry.	Meiktila Battalion. Magistrate, 1st Class	*R a. p.* 225 12 0 Staff allowance . 400 0 0 Total . 625 12 0
20. „ W. G. Hatherell, 22nd Bombay Infantry.	Pakokku Battalion. Magistrate, 1st Class	225 12 0 Staff allowance . 400 0 0 Total . 625 12 0
21. Capt. H. E. C. Way, 13th Bombay Infantry.	(*Offg.*) Minbu Battalion. Magistrate, 1st Class.	374 1 6 Staff allowance . 250 0 0 Total . 624 1 6
22. „ E. A. Jones, 23rd Pioneers.	*Offg. (On privilege leave for 2 months, from 24th November 1889.)*	
	Seconds-in-Command of Military Police Battalions.	
1. Capt. D. S. Lewis, 7th Madras Infantry.	Mogaung Levy Battalion . . .	374 1 6 Staff allowance . 250 0 0 Total . 624 1 6
2. Lieut. H. L. Custance, 36th Bengal Infantry.	Myingyan Battalion	225 12 0 Staff allowance . 200 0 0 Total . 425 12 0
3. „ A. D. C. Pond, 5th Bengal Infantry.	Yeu Battalion	225 12 0 Staff allowance . 200 0 0 Total . 425 12 0
4. „ F. W. J. Caulfield, 10th Bombay Infantry.	Minbu Battalion, temporarily attached to Magwe.	225 12 0 Staff allowance . 200 0 0 Total . 425 12 0
5. „ H. D. McIntyre, 8th Madras Infantry.	Meiktila Battalion	225 12 0 Staff allowance . 250 0 0 Total . 475 12 0

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	
	Police Department—*contd.*	*R a. p.*
	Seconds-in-Command—contd.	
6. Lieut. C. C. Anderson, 26th Punjab Infantry.	Pyinmana Battalion	225 12 0 Staff allowance . 200 0 0 Total . 425 12 0
7. „ C. Tritton, 24th Bombay Infantry.	Lower Chindwin Battalion . . .	225 12 0 Staff allowance 200 0 0 Total . 425 12 0
8. „ G. D. Atkinson, 1st Bombay Lancers.	Myingyan Battalion. (*Offg. Comdt. Magistrate, 1st Class.*)	225 12 0 Staff allowance 325 0 0 Total . 550 12 0
9. „ A. T. Young, 12th Madras Infantry.	Upper Chindwin Battalion . . .	225 12 0 Staff allowance . 250 0 0 Total . 475 12 0
10. „ S. H. Pelley, 24th Bombay Infantry.	Kyaukse Battalion. (*Offg. Comdt. Magistrate, 1st Class.*)	225 12 0 Staff allowance . 250 0 0 Total . 475 12 0
11. „ A. W. Leonard, 24th Madras Infantry.	Mandalay Battalion. (*Offg. Comdt.*) .	225 12 0 Staff allowance . 250 0 0 Total . 475 12 0
12. „ J. Henegan, 27th Madras Infantry.	Kubo Valley Battalion . . .	225 12 0 Staff allowance . 200 0 0 Total . 425 12 0
13. Subadar-Major Chutter Sing, *Rai Bahadur*, Assam Valley Frontier Police.	Bhamo. Mogaung Levy . . .	360 0 0
	Assistant Commandants.	
1. Capt. R. B. Shawe, 16th Bengal Infantry.	Lashio. Shan State Levy. . . .	374 1 6 Staff allowance . 300 0 0 Total . 674 1 6

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.* POLICE DEPARTMENT—*contd.* *Assistant Commandants of Military Police Battalions*—contd.	R a. p.
2. Lieut. G. Rippon, 29th Madras Infantry.	Shwebo Battalion. (*Offg. Comdt. Magistrate, 1st Class.*)	225 12 0 Staff allowance . 325 0 0 Total . 550 12 0
3. „ C. E. Belli-Bivar, 7th Bengal Cavalry.	Minbu Battalion	225 12 0 Staff allowance . 250 0 0 Total . 475 12 0
4. „ J. Jones, 2nd Punjab Cavalry.	Sagaing Battalion	225 12 0 Staff allowance . 200 0 0 Total . 425 12 0
5. „ H. D. Daly, 42nd Gurkhas.	Chin Frontier Levy	225 12 0 Staff allowance . 200 0 0 Total . 425 12 0
6. „ W. G. H. Sterling, 2nd Madras Lancers.	Katha Battalion	225 12 0 Staff allowance . 250 0 0 Total . 475 12 0
7. „ C. M. Crawford, 5th Gurkhas, 2nd Battalion.	Magwe Battalion, temporarily attached .	225 12 0 Staff allowance . 250 0 0 Total . 475 12 0
8. „ R. J. R. Brown, 1st Bengal Infantry.	Magwe Battalion	225 12 0 Staff allowance . 200 0 0 Total . 425 12 0

Names.	Appointments	Salaries and Allowances per mensem.	
	BURMA—*concld.*		R a. p.
	Police Department—*concld.*		
	Assistant Commandants of Military Police Battalions—concld.		
9. Lieut. H. L. Roberts, 1st Bengal Cavalry.	Shwebo Battalion		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
10. „ M. J. Tighe, D S O, 27th Bombay Light Infantry.	Meiktila. (*Offg.*)		225 12 0
		Staff allowance .	175 0 0
		Total .	400 12 0
11. „ W. A. L. Cowie, 15th Bengal Infantry.	Pakôkku Battalion		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
12. „ N. A. H. Budd, 12th Bombay Infantry.	Upper Chindwin Battalion . . .		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
13. „ P. T. Bell, 5th Bombay Light Infantry.	(*On leave on medical certificate for 90 days.*)		
	Naib Commandants.		
1. Subr.-Major Sunta Singh, 4th Sikhs.	Fort Stedman. Shan States Levy .		300 0 0
2. Subadar Gopal Singh, 45th Rattray's Sikhs.	Ditto. Ditto .		300 0 0
	Miscellaneous.		
1. Taw Sein Ko . .	Rangoon. Government Translator. Pay R350 rising to R500.		350 0 0
2. Mr. E Forchhammer, PH.D.	Rangoon. Government Archæologist. (*On deputation, from 11th October 1888.*)	Allowance	150 0 0
3. „ J. T. White, M A. .	Rangoon Chemical Examiner. (*Temporary*)	Allowance	150 0 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	ASSAM.				
	CHIEF COMMISSIONER.				
Hon'ble J.W. Quinton, B.A., C.S.	Chief Commissioner		4,166	10	8
Mr. F. C. Daukes, C.S. .	Deputy Commissioner, 1st Grade, Assam. (*Offg. Secy. to the Chief Commr., Assam.*)		1,833	5	4
		Acting allowance .	166	10	8
		Total .	2,000	0	0
„ P. G. Melitus, C.S. .	Offg. Assistant Secretary to the Chief Commissioner.	Pay .	700	0	0
Captain H. R. Browne, B.S.C.	Personal Assistant to the Chief Commissioner.	„ .	700	0	0
		Acting allowance .	100	0	0
		Total .	800	0	0
„ H. Luttman-Johnson, C.S.	*Commr. of the Assam Valley Districts. (Furlough for one year, 6 months, and 5 weeks, from 31st July 1888.)*				
„ R. H. Greaves, C.S. .	Civil and Sessions Judge, Sylhet, and Sessions Judge, Cachar.	Pay .	2,000	0	0
	DEPUTY COMMISSIONERS (13).				
	1st Grade, 3 on R1,833-5-4 each per mensem.				
1. Mr. A. C. Campbell .	(*Offg. Judge and Commr. of Assam Valley Districts.*)	Pay .	1,833	5	4
		Acting allowance	500	0	0
		Fixed travelling allowance	250	0	0
		Total .	2,583	5	4
2. „ F. C. Daukes, C.S. .	(*Offg. Secy. to Chief Commissioner*) .		1,833	5	4
		Acting allowance .	166	10	8
		Total .	2,000	0	0
3. „ H. C. Williams, C.S. .	Inspector-General of Police and Jails and Registration, Superintendent of Stamps, and Commissioner of Excise, from 15th September 1885, and also Registrar of births, deaths and marriages under Act VI of 1886.				

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Deputy Commissioners (13)—*contd.*				
	2nd Grade, 4 on R1,666-10-8 each per mensem.				
1. Mr. J. Knox-Wight, B.A., C.S.	Sibsagar. (*Offg. 1st Grade, from 16th April 1889.*)	Pay	1,666	10	8
		Acting allowance	166	10	8
		Total	1,833	5	4
2. „ G. Godfrey, C.S.	Goalpara, Dhubri. (*Offg. Deputy Commr., 1st Grade, from 1st August 1889.*)	Pay	1,666	10	8
		Acting allowance	166	10	8
		Emigration allowance	50	0	0
		Total	1,883	5	4
3. Major H. St. P. Maxwell, B.S.C.	Deputy Commr., Khasi and Jaintia Hills, Shillong.	Pay	1,666	10	8
4. Mr. J. J. S. Driberg	(*Placed on special duty from the 15th November 1889.*)	„	1,666	10	8
	3rd Grade, 3 on R1,333-5-4 each per mensem.				
1. „ J. Kennedy, C.S.	Sylhet. (*Offg. 2nd Grade, from 16th April 1889.*)	Pay	1,333	5	4
		Acting allowance	333	5	4
		Total	1,666	10	8
2. „ G. E. McLeod	Nowgong. (*Offg 2nd Grade, from 1st August 1889.*)	Pay	1,333	5	4
		Acting allowance	333	5	4
		Total	1,666	10	8
3. Major M. A. Gray, B.S.C.	Deputy Commr., Garo Hills	Pay	1,333	5	4
	4th Grade, 3 on R1,000 each per mensem.				
Mr. J. D. Anderson, C.S.	Cachar. (*Offg. 3rd Grade, from 1st October 1889.*)	Pay	1,000	0	0
		Acting allowance	266	10	8
		Total	1,266	10	8

NAMES.	APPOINTMENTS	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	ASSAM—*contd.*				
	DEPUTY COMMISSIONERS (13)—*concld.* *4th Grade, 3 on R1,000 each per mensem* —contd.				
Mr. R. B. McCabe, C.S. .	Darrang. (*Offg .3rd Grade ,from 1st August 1889.*)	Pay .	1,000	0	0
		Acting allowance	266	10	8
		Total .	1,266	10	8
„ F. St. Clair Grimwood, C.S., M.A.	Political Agent, Manipur . . .	Pay .	1,000	0	0
		Local allowance	150	0	0
		Total .	1,150	0	0
	ASSISTANT COMMISSIONERS (25). *1st Grade, 5 on R800 each per mensem.*				
1. Mr. A. Porteous, C.S. .	Naga Hills. (*Offg. Deputy Commr., 4th Grade, from 1st October 1888.*)	Pay .	800	0	0
		Acting allowance .	200	0	0
		Total .	1,000	0	0
2. „ J. C. Arbuthnott, C.S.	Lakhimpur. (*Offg. Deputy Commr., 4th Grade, from 23rd November 1889.*)	Pay .	800	0	0
		Acting allowance .	200	0	0
		Total .	1,000	0	0
3. „ R. S. Greenshields, C.S.	Kamrup. (*Offg. Deputy Commr., 4th Grade, from 8th October 1889.*)	Pay .	800	0	0
		Acting allowance .	200	0	0
		Total .	1,000	0	0
4. „ R. R. Pope, C.S. .	Permitted to return to duty and posted to Hailakandi.	Not joined yet.			
5. Capt. P. E. Henderson, B.S.C.	(*Services temporarily placed at the disposal of the Foreign Dept., from 20th August 1889.*)				
	2nd Grade, 7 on R700 each per mensem.				
1. Mr. P. G. Melitus, C.S. .	(*Offg. Asst. Secy., from 12th March 1889.*)	Pay .	700	0	0
2. „ A. F. Steinberg, C.S. .	Goalpara, Dhubri. (*Offg. 1st Grade, from 15th May 1888.*)	„ .	700	0	0
		Acting allowance .	100	0	0
		Total .	800	0	0
3. „ A. W. Davis, C.S. .	Mokokchang. (*Offg. 1st Grade, from 16th April 1889.*)	Pay .	700	0	0
		Acting allowance .	100	0	0
		Total .	800	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R a. p.
	ASSAM—*contd.*		
	Assistant Commissioners (25)—*contd.*		
	2nd Grade, 7 on R700 each per mensem—contd.		
4. Capt. H. R. Browne, B.S.C.	*Personal Assistant to the Chief Commr. (Offg. 1st Grade, from 1st August 1889.)*	Pay .	700 0 0
		Acting allowance .	100 0 0
		Total .	800 0 0
5. Mr. W. Teunon, C.S. .	Sub-divisional Officer, Hailakandi. (*Offg. 1st Grade, from 8th October 1889.*)	Pay .	700 0 0
		Acting allowance .	100 0 0
		Total .	800 0 0
6. „ E. A. Gait, C.S. .	Shillong. (*On special duty*) . .	Pay .	700 0 0
7. „ J. L. Herald, C.S. .	Sub-divisional Officer, South Sylhet. .	„ .	700 0 0
	3rd Grade, 14 on R500 each per mensem.		
1. Lieut. C. G. M. Kennedy	Sub-divisional Officer, Goalpara. (*Offg. 2nd Grade, from 29th September 1888.*)	Pay .	500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
2. Mr. G. Gordon, C.S. .	Sub-divisional Officer, Barbeta. (*Offg. 2nd Grade, from 16th April 1889.*)	Pay .	500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
3. „ C. W. E. Pittar, C.S. .	Sub-divisional Officer, Habiganj. (*Offg. 2nd Grade, from 19th April 1889.*)	Pay .	500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
4. „ W. B. Brown, C.S. .	Sub-divisional Officer, North Lakhimpur. (*Offg. 2nd Grade, from 1st August 1889.*)	Pay .	500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
5. „ W. H. Cossins, C.S. .	Sub-divisional Officer, Karimganj. (*Offg. 2nd Grade, from 7th August 1889.*)	Pay .	500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
6. Mr. H. E. Ransom, C.S. .	Sub-divisional Officer, Mangaldai . .	Pay .	500 0 0
7. Lieut. P. R. T. Gurdon, B.S.C.	Sub-divisional Officer, Golaghat . .	„ .	500 0 0
8. Mr. H. LeMesurier, C.S. .	Second Officer, Cachar . . .	„ .	500 0 0
9 „ F. C. Henniker, C.S .	Sub-divisional Officer, Jorhat . .	„ .	450 0 0

Names.	Appointments.	Salaries and Allowances per mensem.
	ASSAM—*contd.*	R a. p.
	Assistant Commissioners (25)—*concld.*	
	3rd Grade, 14 on R500 each per mensem —contd.	
10. Lieut. A. A. Howell, B.S.C.	Second Officer, Sibsagar . . .	Pay . 400 0 0
11. „ A. E. Woods, M.S.C.	Ditto, Lakhimpur . . .	„ . 400 0 0
12. Mr. B. V. Nicholls, C.S. .	Ditto, Sylhet	„ . 400 0 0
13. „ A. L. Medlicott, C.S. .	Lakhimpur	„ . 400 0 0
14. „ F. C. French, C.S. .	Tezpur. (*Not joined*) . . .	„ . 400 0 0
	Extra Assistant Commissioners (29).	
	5th Grade, 2 on R600 each per mensem.	
1. Rai Gunabhiram Sarma Barua, Bahadur.	Nowgong.	
2. Mr. R. Lea . . .	Dibrugarh.	
	4th Grade, 5 on R500 each per mensem.	
1. Babu Harish Chandra Chaki	Gauhati.	
2. „ Raj Mohan De, B.L. .	Nowgong.	
3. Rai Sarat Chandra Banerji, Bahadur, M.A., B.L.	Cadastral Settlement Officer, Jorhat.	
4. Mr. W. G. Black . .	Silchar. (*On leave.*)	
5. Babu Chandra Nath Nandi	Sylhet.	
	3rd Grade, 10 on R400 each per mensem.	
1. Babu Siva Prasad Chakravarti.	Gauhati.	
2. „ Ishan Chandra Patranavis.	Sylhet.	
3. „ Jagat Chandra Das, B.L.	Silchar.	
4. „ Shambhu Narayan Singh.	Karimganj.	
5. „ Guru Prasad Das .	(*Leave on medical certificate for six months, from 17th August 1889.*) Sub-divisional Officer, Barpeta.	
6. Rai Jogesh Chandra Chatterji, Bahadur, M.A., B.L.	Sibsagar.	
7. Babu Ram Gopal Khan, B.A., B.L.	Dhubri.	
8. Munshi Azizar Rahman .	Sibsagar.	
9. Babu Jagat Bandhu Nag, B.L.	Sub-divisional Officer, Sunamganj.	
10. „ Jiban Ray . .	Shillong. (*On leave.*)	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	R a. p.
	EXTRA ASSISTANT COMMISSIONERS (29)—*contd.*	
	2nd Grade, 7 on R300 each per mensem.	
1. Maulvi Najmul Hossein Ahmad.	Golaghat.	
2. Babu Madhav Chandra Bardoloi, L.L.	Tezpur.	
3. Mr. Manmatha Nath Ghose, M.A., B.L.	Maulavi Bazar.	
4. Babu Prasanna Kumar Ghose.	Mangaldai.	
5. „ Kedar Nath Sanyal, B.A.	Habiganj. (*On leave.*)	
6. „ Nrityagopal Chatterji, B.L.	Silchar.	
7. „ Gour Charan Das .	Sylhet.	
	1st Grade, 5 on R250 each per mensem.	
Mr. C. J. F. More .	Jorhat.	
Babu Kali Ram Chaudhuri, B.A., B.L.	Barpeta.	
„ Prakash Chandra Datta.	Gauhati.	
„ Parsu Ram Khaund .	Dibrugarh.	
„ Sarvananda Das .	Head Assistant, Revenue Branch, Assam Secretariat.	
„ Akshay Kumar Chatterji.	Extra Assistant Commissioner, Sylhet. .	
	SUB-DEPUTY COLLECTORS.	
	1st Grade, 2 on R200 each per mensem.	
1. Babu Sarut Chundra Mazumdar.	Nowgong.	
2. *Vacant.*		
	2nd Grade, 3 on R175 each per mensem.	
1. Babu Mahim Chandra Chakravarti.	*Offg.* Extra Asst. Commr., Shillong	Pay . 175 0 0 Acting allowance . 75 0 0 Total . 250 0 0
2. „ Jai Chundra Mitra .	Officer in Charge Experimental Survey, Barpeta.	
3. „ Chandra Kanta Sen .	Kamrup, Gauhati.	
	3rd Grade, 4 on R150 each per mensem.	
1. Babu G. C. P. Bhuyan .	Sibsagar, Golaghat.	
2. „ Lakshmi Nath Kakati	Attached to Cadastral Survey. (*Offg. 2nd Grade.*)	
3. „ Phanidhar Chaliha .	Ditto ditto ditto.	
4. „ Dakshina Charan Sen	Cachar, Silchar.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	R a. p.
	SUB-DEPUTY COLLECTORS—*contd.*	
	4th Grade, 4 on R125 each per mensem.	
1. Munshi Mashiat Ulla .	Sibsagar, Jorhat.	
2. Babu Krishna Chandra Chaudhuri.	(*Offg. 3rd Grade.*) Attached to Cadastral Survey, Jorhat.	
3. Maulvi Muhammad Hamid	Cachar, Hailakandi.	
4. Babu Rasick Lal Sen, B.A.	Sylhet, Sunamganj.	
	5th Grade, 4 on R100 per mensem.	
1. Babu Bhola Nath Das .	Attached to Cadastral Survey, Jorhat. (*On probation.*)	
2. „ Raman Krishna Sarma, B.A.	Ditto ditto ditto.	
3. „ Krishna Kumar De .	Ditto ditto ditto.	
4. Maulvi Muhammad Abdulla, B.A.	Ditto (*On special duty, Karimganj.*)	
	TAHSILDARS.	
	1st Grade, on R200 per mensem.	
Babu Gobinda Chaudhuri .	Palasbari, Kamrup. (*On leave.*).	
	2nd Grade, on R175 per mensem. (*Nil.*)	
	3rd Grade, on R150 per mensem.	
Babu Dambarudhar Barkagoti.	Panbari, Kamrup.	
	4th Grade, on R125 per mensem.	
Babu Radha Nath Barua .	Rangia, Kamrup.	
„ N. C. Biswas .	Silchar, Cachar.	
	5th Grade, on R100 per mensem.	
Babu Prithiram Chaudhuri .	Bajali, Kamrup.	
„ Kali Ram Das . .	Chaygaon, Kamrup. (*On probation.*)	
„ Chini Ram Das .	Chamariya, Kamrup.	
„ Jagat Bandhu Das .	Hailakandi, Cachar.	
„ Bangshidhur Sarma Barua.	Pati Darrang, Kamrup.	
„ Chana Ram Dutta .	Luki, Kamrup.	
„ Ratneswar Goswami .	Hajo, „ (*On probation.*)	
„ Aharu Das . .	Tambulpur, Kamrup. (*On probation.*)	
„ Rahi Chandra Sarma .	Tezpur, Darrang.	
„ Uday Chandra Barua .	Nalbari, Kamrup. (*On probation.*)	
„ Jibaneswar Goswami .	Baroma, „	
„ Dharanedhar Barua .	Kalaigaon, Darrang.	
Rai Jadhab Chandra Barua, Bahadur.	Wokha, Naga Hills.	
Babu Keshab Chandra Singh .	(*Offg.*) Palasbari, Kamrup.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	R a. p.
	SUBORDINATE JUDICIAL SERVICE.	
	Subordinate Judge, 3rd Grade.	
Babu Jiban Krishna Chatterji .	Sylhet	Pay . 600 0 0
	Munsifs, 1st Grade, R400 per mensem.	
Babu Ram Chandra Dhar .	Habiganj, 1st Munsif.	
„ Prem Chand Pal .	Ditto, 2nd Munsif.	
„ Kailas Chandra Mazumdar.	Sylhet, 1st Sadr Munsif.	
	Munsifs, 2nd Grade, R300.	
Babu Sarat Kumar Ghosal, M.A., B.L.	Sylhet, 2nd Sadr Munsif	Pay . 300 0 0
„ Gobinda Chandra Bysack, B.L.	Munsif, Sunamganj	„ . 300 0 0
	Munsifs, 3rd Grade, R250.	
Babu Akshay Kumar Mitra .	Sylhet, 3rd Munsif	Pay . 250 0 0
	Munsifs, 4th Grade, R200.	
Babu Ashutosh Banerji, B.A., B.L.	Maulavi Bazar, 1st Munsif . .	Pay . 200 0 0
„ Sirish Chandra Mukharji, M.A., B.L.	Karimganj	„ . 200 0 0
	Officiating Munsif.	
Babu Jagendra Nath Deb .	Maulavi Bazar, 2nd Munsif . .	Pay . 100 0 0
	JAIL DEPARTMENT.	
Mr. H. C. Williams, C.S. .	Inspector-General of Jails. He is also Inspector-General of Police.	
	SUPERINTENDENTS OF JAILS.	
The Deputy Commissioner .	Khasi and Jaintia Hills, Shillong.	
Surgeon-Major S. Borah, M.B.	Supdt. of Tezpur Jail and Lunatic Asylum	R75+100 in addition to pay as Civil Surgeon.
Surgeon-Major J. Mullane, M.D.	Gauhati, Kamrup	R75 in addition to pay as Civil Surgeon.
Surgeon S. H. Henderson .	Sylhet	R100 in addition to pay as Civil Surgeon.

Names.	Appointments.	Salaries and Allowances per Mensem.	R	a.	p.
	ASSAM—*contd.*				
	Education Department.				
Mr. J. Willson, M.A.	Director of Public Instruction, Assam, 3rd Class, Bengal Education Department, Offg. 2nd Class; also Registrar of Books under Act XXV of 1867.	Pay	1,000	0	0
		Acting allowance	50	0	0
		Total	1,050	0	0
	Deputy Inspectors of Schools (4).				
	1st Grade (1) on R200 per mensem.				
Babu Nava Kisor Sen	Surma Valley	Pay	200	0	0
	2nd Grade (1) on R150 per mensem.				
Babu Hari Mohan Lahiri	Lower Assam	Pay	150	0	0
	3rd Grade (2) on R125 per mensem.				
Babu Ratnadhar Datta	Upper Assam	Pay	125	0	0
„ Giris Chandra Datta	Central Assam	„	125	0	0
	Head Masters, Government High Schools.				
	1st Class (3) on R150 to 200.				
Babu Durga Kumar Basu, B.A.	Sylhet Government High School	Pay	200	0	0
„ Abhaya Charan Surma	Gauhati „ „	„	190	0	0
„ Rammohan Mitra, B.A.	(*On furlough.*)				
	2nd Class (1) on R125 rising to R150 per mensem.				
Babu Chandra Mohan Goswami	Kohima High School. (*Offg. 1st Class*)	Pay	150	0	0
	3rd Class (4) on R100 rising to R125 per mensem.				
Babu Sasi Bhusan Datta	Tezpur High School	Pay	125	0	0
„ Mohendra Nath Datta,	Jorhat „	„	125	0	0
„ Prosuna Kumar Sen	Dhubri „	„	120	0	0
„ Obhaya Charan Das, M.A.	Silchar „	„	120	0	0
	4th Class (2) on R100, fixed pay.				
Babu Haran Chandra Das Gupta.	Dibrugarh. (*Offg. 3rd Class*)	Pay	100	0	0
„ Rajani Kanta Basu	Sibsagar. (*On probation*)	„	100	0	0
„ Sarat Chandra Ganguli	Nowgong. Offg. *vice* Ram Mohan Mitra	„	75	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Education Department—*contd.*				
	Head Masters of Government Normal Schools.				
	(1) R200 per mensem.				
Revd. J. C. Evans . .	Cherrapunji	Pay .	200	0	0
	(1) on R100 per mensem.				
Babu Brajapati Banerji .	Gauhati	Pay .	100	0	0
	Medical Department.				
Depy. Surgn.-Genl. C. P. Costello, F.R.C.S., E.	Depy. Surgeon-General, Assam, and Sanitary Commr., Assam.	Pay .	1,800	0	0
Surgeon-Major S. Borah, M.B.	Civil Surgeon, Tezpur . . .	" .	750	0	0
		Superintendent, Lunatic Asylum	100	0	0
		Superintendent of Jail	75	0	0
		L. T. F. .	50	0	0
		Total .	975	0	0
" J. Mullane .	Civil Surgeon, Kamrup, and Superintendent of Jail.	Pay .	750	0	0
			75	0	0
		L. T. F. .	50	0	0
		Total .	875	0	0
" R. N. Campbell, M.B.	Civil Surgeon, Shillong . . .	Pay .	750	0	0
Surgeon J. W. N. Macnamara, M.D.	(*Furlough for 2 years.*)				
" R. R. H. Whitwell, M.B.	(*Furlough on medical certificate for 1 year.*)				
" G. M. J. Giles, M.B., F.R.C.S.	(*On special duty in Assam*) . .	Pay .	700	0	0
" E. F. H. Dobson, M.B.	Civil Surgeon, Dhubri . . .	" .	550	0	0
		L. T. F. .	100	0	0
		Total .	650	0	0
" Hem Chundra Banerji	(*Offg.*) Ditto, Sibsagar . . .	Pay .	392	5	2
		Acting allowance .	100	0	0
		Total .	492	5	2
" J. T. Daly, M.B. .	(*Offg.*) Ditto, Dibrugarh . .	Pay .	286	10	0
		L. T. F. .	50	0	0
		Acting allowance .	100	0	0
		Total .	436	10	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Medical Department—*contd.*				
Surgeon S. H. Henderson, M.B.	(*Offy.*) Civil Surgeon, Sylhet	Pay	286	10	0
		Acting allowance	100	0	0
		Travelling allowance	100	0	0
		Total	486	10	0
„ W. W. White, M.D.	Medical Officer, in charge Wing 44th G. L. I.	Charge allowance	100	0	0
„ T. d'O. Partridge	Civil Surgeon, Cachar	Pay	700	0	0
		L. T. F.	50	0	0
		Total	750	0	0
Dr. Pyari Mohun Gupta, M.B., C.M.	Civil Surgeon, Garo Hills, Tura	Pay	350	0	0
Apothecary J. C. McNaught	Civil Surgeon, Nowgong	„	450	0	0
Asstt. Surgn. Narayan Chandra Basu.	Silchar	„	100	0	0
		L. T. F.	50	0	0
		Total	150	0	0
„ Atul Chandra Ray	Goalpara	Pay	100	0	0
„ Tamiz Uddin Ahmed, M.B.	Kohima	„	100	0	0
		Naga Hills allowance	100	0	0
		Total	200	0	0
„ Mahendra Nath Datta.	Dibrugarh	Pay	100	0	0
„ Asutosh Ghosh	Shillong	„	100	0	0
	Ecclesiastical Department.				
Revd. J. H. Taylor	Senior Chaplain, Gauhati and Shillong	Pay	800	0	0
		Shillong and Gauhati allowance for 6 months	150	0	0
		Total	950	0	0
	Other Clergymen receiving allowances from Government.				
Revd. T. T. Crossfield	Minister, Cachar	Pay	150	0	0
„ C. Dowding	„ Dibrugarh	„	150	0	0

Names.	Appointments.		Salaries and Allowances per mensem.
	ASSAM—*contd.*		R a. p.
	Ecclesiastical Department—*contd.*		
	Ministers licensed to solemnize marriages under Clause 3, Section 5, Act XV of 1872.		
Revd. R. E. Neighbor	Marriage Registrar,	Nowgong. (*On furlough.*)	
„ E. W. Clark	Ditto,	Sibsagar.	
„ S. Endle	Ditto,	Darrang.	
„ Griffith Griffiths	Ditto,	K. & J. Hills.	
Pastor Siram	Ditto,	Goalpara.	
Revd. P. H. Moore	Ditto,	Nowgong.	
	Missionaries with powers under Section 9, Act XV of 1872.		
Revd. T. Jerman Jones	Marriage Registrar,	K. & J. Hills.	
„ J. Roberts	Ditto,	Ditto.	
„ U. Don Ray	Ditto,	Ditto.	
„ John Jones	Ditto,	Ditto.	
„ P. H. Moore	Ditto,	Nowgong.	
„ Tuni J. Goldsmith	Ditto,	Ditto.	
Ram Khe Garo	Ditto,	Garo Hills.	
Revd. A. K. Gurney	Ditto,	Sibsagar.	
„ M. C. Mason	Ditto,	Garo Hills.	
„ E. G. Phillips	Ditto,	Ditto.	
Malgong Garo	Ditto,	Ditto.	
Revd. William Williams	Ditto,	K. & J. Hills.	
„ R. Evans	Ditto,	Ditto.	
„ C. L. Stephens	Ditto,	Ditto.	
Pastor Siram	Ditto,	Goalpara.	
Revd. C. D. King	Ditto,	Naga Hills.	
„ W. E. Witter	Ditto,	Sibsagar. (*On leave.*)	
„ S. W. Rivenburg	Ditto,	Kohima.	
U. Dorkha	Ditto,	Khasi and Jaintia Hills.	
Jang Lalu	Ditto,	Jowai.	
Dr. A. D. Hughes	Ditto,	Mauphlang.	
U. Sati Kyngor	Ditto,	Monnai.	
Rankhu Garo	Ditto,	Rewak, Garo Hills	
Towang Garo	Ditto,	Chatchalija, Garo Hills.	
Revd. Kandura R. Smith	Ditto,	Kamrup.	
„ E. Patrick	Ditto,	Sibsagar.	
	Ministers licensed to solemnize marriages under Sec. 6, Act XV of 1872.		
Revd. Issac P. Row	Marriage Registrar within Province of Assam.		
„ T. Jerman Jones	Ditto	ditto.	
„ John Pengwern Jones	Ditto	ditto.	
U. Ksan	Ditto	ditto.	
Revd. Kandura R. Smith	Ditto	ditto.	
„ E. Patrick	Ditto	ditto.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	R a. p.
	ECCLESIASTICAL DEPARTMENT—*concld.*	
	Marriage Registrars under Act XV of 1872.	
	(All Deputy Commissioners of the Province.)	
Revd. T. Jerman Jones .	Marriage Registrar, Khasi and Jaintia Hills.	
„ C. L. Stephens .	Ditto, ditto.	
„ J. Roberts . .	Ditto, ditto.	
„ Griffith Griffiths . .	Ditto, ditto.	
„ R. Evans . . .	Ditto, ditto.	
„ J. C. Evans . .	Ditto, ditto.	
„ U. Don Ray . .	Ditto, ditto.	
„ E. W. Clarke . .	Naga Hills.	
	Marriage Registrars under Act III of 1872.	
	(All Sub-Registrars at Sadr Stations.)	
Revd. T. Jerman Jones .	Marriage Registrar in all such portions of the Khasi Hills as are not included in British India.	
„ C. L. Stephens . .	Ditto ditto.	
„ J. Roberts . .	Ditto ditto.	
„ Griffith Griffiths . .	Ditto ditto.	
„ R. Evans . . .	Ditto ditto.	
„ J. C. Evans . .	Ditto ditto.	
„ U. Don Ray . .	Ditto ditto.	
„ T. Jerman Jones . .	Authorised under Sec. 9, Act XV of 1872 to grant certificates of marriage in all such portions of the Khasi Hills District as are not included in British India.	
„ C. L. Stephens . .	Ditto ditto.	
„ Griffith Griffiths . .	Ditto ditto.	
„ R. Evans . . .	Ditto ditto.	
„ W. Williams . .	Ditto ditto.	
„ John Jones . .	Ditto ditto.	
„ U. Don Ray . .	Ditto ditto.	
Dr. A. D. Hughes . .	Ditto ditto.	
U. Sati Kyngor . . .	Ditto ditto.	
U. Jora	Ditto ditto.	
U. Dorkha	Ditto ditto.	
U. Jang Lalu . . .	Ditto ditto.	
Revd. J. Roberts . . .	Ditto ditto.	
„ J. C. Evans . .	Ditto ditto.	
	POLICE DEPARTMENT.	
Mr. H. C. Williams, C.S. .	Inspector-General of Police, Assam .	Pay . . 1,833 5
	Commandants, Military Police, Assam.	
Lieut. R. M. Maxwell, B.S.C.	Lakhimpur Battalion . . .	Pay . . 525 12
„ D. C. F. Macintyre, B.S.C.	Naga Hills, ditto. (*On furlough on medical certificate.*)	

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Police Department—*contd.*				
	District Superintendents of Police.				
	1st Grade, on R1,000 per mensem.				
Mr. W. W. Daly . . .	Commandant, Military Police, Surma Valley Battalion.	Pay .	1,000	0	0
	2nd Grade.				
„ D. W. Ritchie . .	Sylhet	Pay .	800	0	0
	3rd Grade, on R700 per mensem.				
„ A. E. C. Bolst . .	Goalpara	Pay .	700	0	0
	4th Grade, on R500 per mensem.				
„ L. E. Fabre-Tonnerre .	Sibsagar (*Offg.*)	Pay .	500	0	0
		Acting allowance	100	0	0
		Total .	600	0	0
„ J. T. Rivett-Carnac .	Commandant, Military Police, Garo Hills Battalion. (*Offg.*)	Pay .	500	0	0
	Assistant Superintendents of Police (6)				
	1st Grade, on R400 per mensem.				
Mr. W. B. Waller . .	Darrang	Pay .	400	0	0
„ E. Muspratt . .	(*Officiating Commandant, Naga Hills Battalion, from 2nd May 1889.*)	„ .	400	0	0
		Special allowance .	100	0	0
		Naga Hills allowance	100	0	0
		Total .	600	0	0
„ L. St. J. Brodrick . .	Naga Hills	Pay .	400	0	0
	2nd Grade, on R300 per mensem.				
Mr. E. A. S. Baker . .	Sub-divisional Officer, North Cachar. (*Officiating 1st Grade, from 27th July 1886.*)	Pay .	300	0	0
		Acting allowance .	100	0	0
		Local allowance	150	0	0
		Total .	550	0	0
„ F. A. Fullerton . .	Cachar. (*Offg. 1st Grade, from 1st November 1886.*)	Pay .	300	0	0
		Acting allowance .	100	0	0
		Total .	400	0	0
	3rd Grade on R250.				
„ A. B. C. Comber . .	(*Offg.*) Kamrup	Pay .	250	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*concld.*	
	REGISTRATION DEPARTMENT.	
Mr. H. C. Williams, C.S.	*The Inspector-General of Registration is also Registrar of Joint Stock Companies, Registrar General of Births, Deaths and Marriages under Act VI of 1886, and also Inspector-General of Police, vide Part XIII.* *The Inspector of Registration Offices is also Special Sub-Registrar of Shillong, and Assistant Registrar of Joint Stock Companies.*	
	Registrars. (All Deputy Commissioners in their respective districts.)	
	COORG.	
Col. Sir O. B. C. St. John, K.C.S.I., R.E.	Chief Commissioner and Judicial Commissioner of Coorg.	No salary or allowance paid to this officer from the revenues of Coorg.
		R a. p.
Lieut. L. S. Newmarch, B.S.C.	Secretary	Allowance 250 0 0
Col. T. G. Clarke, M.S.C.	Commissioner of Coorg	Salary 1,500 0 0
Mr. B. C. Leggatt	1st Asstt. Commissioner and District Magistrate of Coorg	„ 760 0 0
„ K. Ganapathy (Uncov.)	2nd Asstt. Commissioner	„ 300 0 0
Surgeon J. C. Marsden	Civil Surgeon and Supdt. of Mercara Jail	Salary R550+50 Jail allowance.
Mr. E. Marsden, B.A. (Uncov.).	Inspector of Schools in Coorg	„ R750*
	HYDERABAD.	
	JUDICIAL.	
Col. K. J. L. Mackenzie, M.S.C.	Judicial Commissioner	R2,750
Mr. R. Obbard, B.C.S.	(*Offg.*) Civil and Sub-Judge	„ 1,555 (includes acting allowance).
„ C. A. W. Davies (Uncov.)	Assistant Commissioner, 1st Class. *Offg.* Special Assistant Commissioner.	„ 1,000 (includes acting allowance).
Rao Bahadur Purshottam Rao Narayan (Uncov.).	Ex. Assistant Commissioner, 1st Class, Judge, Small Cause Court, Amraoti.	„ 600
Mr. Mancksha Ruttonji Dastur (Uncov.).	Ex. Assistant Commissioner, 5th Class and Judge, Small Cause Court, Akola.	„ 250
	JAILS, REGISTRATION AND STAMPS.	
Col. C. T. Lane, B.S.C.	Inspector-General of Jails, Registration, Police, and Stamps. (*On furlough.*)	
Mr. F. Wright	(*Offg.*) Ditto	R1,000.

* One-sixth of the salary is paid from Coorg Revenue.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	HYDERABAD—*contd.*	
	SANITATION AND MEDICAL.	
Surgn.-Major C. Little, M.D.	Sanitary Commissioner, Inspector-General of Dispensaries, and Superintendent of Vaccination.	R1,200
„ R. B. Roe	Civil Surgeon, Amraoti.	„ 650 (includes jail allowances).
Surgeon E W. Reilly	Civil Surgeon, Akola	„ 650 ditto jail ditto.
Apothecary O. W. Jones, M.D.	Ditto, Basin	„ 400 ditto jail ditto.
„ J. Morrison	Ditto, Yeotmal.	
„ D. Callaghan	Ditto, Buldana. (*On furlough.*)	
„ W. J. Montgomery.	*Offg.* Civil Surgeon, Buldana	„ 400
„ W. E. Hendrick	*Offg.* Ditto Ellichpur	„ 150*
	EDUCATION.	
Rao Br. Shriram Bhikaji Jatar, B.A. (Uncov.).	Director of Public Instruction. (*On furlough.*)	R1,000
Mr. A. Barrett	*Offg.* Director of Public Instruction and also in charge of duties of Educational Inspector	„ 950 (including acting allowance).
Mr. Vishnu Moreshwar Mahajani, M.A. (Uncov.).	Inspector of Schools	„ 350†
	POLICE.	
Lieut.-Col. C. T. Lane, B.S.C.	Inspector-General of Police (*On furlough*)	R1,600 (includes personal allowance).
	District Superintendents.	
Mr. F. Wright (Uncov.)	District Superintendent, 1st Class. (*Offg. Inspector-General.*)	„ 1,000 + 200
„ N. R. Cumberlege (Uncov.)	District Superintendent, 2nd Class	„ 800
Lieut.-Col. E. J. Gunthorpe, M.S.C.	Ditto ditto, 3rd Class. (*Offg 1st Class.*)	„ 1,050 (includes acting, personal and railway allowances).
Mr. H. A. Heath	Ditto ditto (*Offg. 2nd Grade.*)	„ 800 (includes acting allowance).
„ E. W. D. Moffat	Ditto ditto, 4th Grade. (*Offg. 3rd Grade*)	„ 700 (includes acting allowance).
„ H. F. Cotgrave (Uncov.)	Ditto ditto, ditto	„ 700
„ C. A. Fraser	Assistant District Superintendent, 1st Grade. (*Offg. Dist. Supdt., 4th Class.*)	„ 600 (includes acting allowance).
„ Yezdiar R. Viccaji	Assistant Superintendent, 1st Class (*Offg. Dist Supdt. 1st Grade.*)	„ 400 (includes acting allowance).
„ J. T. B. D. Sewell	Ditto ditto, 2nd Grade	„ 400 (includes acting allowance).
„ F. T. Coode	*Offg.* Asst. Supdt., 2nd Grade	„ 300

* Jail and Charge allowance, in addition to military duty.
† R300 rising to R500.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM
	PORT BLAIR AND THE NICOBARS.	
	1 Chief Commissioner and Superintendent at R2,500 rising to R3,000 per mensem by R100 annually.	
Col. T. Cadell, v.c. . .	Chief Commissioner and Superintendent	R3,000
	1 Depy. Supdt. at R1,000 rising to R1,500 per mensem by R100 annually.	
1. Capt. H. M. Thornhill .	Deputy Superintendent . . .	R1,100
	1st Asstt. Supdt., 1 at R850 rising to R1,000 per mensem by R50 annually.	
1 Mr. E. H. Man .	1st Assistant Superintendent. . .	R1,000
	2nd Asstt. Supdt., 1 at R700 rising to R850 per mensem by R50 annually.	
1. Mr. F. E Tuson . .	2nd Assistant Superintendent.	
	3rd Asstt. Supdt., 1 at R500 rising to R700 per mensem by R50 annually.	
1. Mr. O. H. Brookes . .	3rd Assistant Superintendent. . .	R700 + 50
	Extra Asstt. Supdts., 1st Class, 1 at R400 rising to R600 per mensem by R25 annually.	
1. Mr. M. V. Portman . .	Extra Asstt. Supdt., 1st Class. . .	R 525
	Extra Asstt Supdts., 2nd Class, 3 at R250 rising to R400 per mensem by R25 annually.	
1. Mr. W. Jessop . .	Extra Asstt. Supdt., 2nd Class. (*Offg. Extra Asstt. Supdt., 1st Class.*)	R400 + 25
2. „ R. Wimberley . .	Extra Asstt. Supdt., 2nd Class. (*On sick leave*)	
3. „ T. J. M Metcalfe .	Ditto ditto. (*On deputation to Burma.*)	
Mohamad Ashik Ali Khan .	(*Offg.*), ditto. (*2nd Class pro tem.*)	R250

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	PORT BLAIR AND THE NICOBARS—*contd.*	
	MEDICAL.	
Surgeon P. G. Mackenzie, M.B.	Senior Medical Officer . . .	R1,200
Mr. G. C. D. Gupta, L.M.S. .	Junior Medical Officer . . .	„ 150 + 75 + 150
„ A. K. Chowdhuri . .	Ditto ditto	„ 150 + 75 + 150
„ Poornoo Chunder Singh .	Ditto ditto	„ 200 + 100 + 150
	ECCLESIASTICAL.	*R a. p.*
Revd. C. H. Chard . .	Senior Chaplain	900 0 0
	POLICE.	
Capt. L. B. Linsdell . .	District Superintendent of Police.	
	MISCELLANEOUS.	
The Hon. Sir Gregory Charles Paul, B.A., K.C.I.E. (*Barrister-at-Law*).	Advocate-General	3,448 8 0
Mr. A. Phillips (*Barrister-at-Law*).	Standing Counsel. (*Furlough for 1 year, from 12th April 1888.*)	
	Offg. ditto.	
Mr. R. L. Upton . .	Solicitor to Government.	
„ C. M. W. Brett, C.S. (*Barrister-at-Law*).	Registrar, High Court, Calcutta, Appellate Side.	1,700 0 0
„ R. Belchambers . .	Registrar, High Court, Calcutta, Original Side, Keeper of Records, Taxing Officer, Accountant-General, and Sealer, &c.	1,875 0 0
„ L. P. D. Broughton (*Barrister-at-Law*).	Administrator-General.	
Col. H. S. Jarrett . .	Secretary, Board of Examiners. (*Furlough for 182 days.*)	2,000 0 0
Capt. J. H. Sadler . .	*Offg. ditto.*	
Surgn.-Genl. Sir Benjamin Simpson, B.A., M.D., K.C.I.E.	Sanitary Commissioner and Surgeon-General with the Government of India.	
Surgn.-Major A. Barclay, M.B.	Secy. to the Surgeon-General and Sanitary Commissioner with the Government of India.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	MISCELLANEOUS—*contd.*	*R a. p.*
Surgn.-Major D. Wilkie, M.B. .	Statistical Officer to the Government of India in the Sanitary and Medical Department.	
„ S. H. Browne .	In joint medical charge, Simla . .	750 0 0
„ G. F. A. Harris .	Ditto ditto . .	550 0 0

List of Civil Officers holding gazetted appointments under the Government of India, in the Legislative Department, as it stood on the 1st January 1890.

NAMES	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
		R a. p.
The Hon'ble A R Scoble, Q.C., C.S.I.	Ordinary Member of the Governor General's Council.	6,400 0 0
" " Syud Ameer Hossein, C.I.E.	Additional Member of Council of the Governor General for making Laws and Regulations.	1,250+616 10 8
" " J. W. Quinton, C.S.I.	Ditto ditto . . .	4,166 10 8
" " R. J. Crosthwaite	Ditto ditto . . .	3,166-10-8+616 10 8
" " F. M. Halliday .	Ditto ditto . . .	4,000+166 10 8
Mr. S. Harvey James, C.S. .	Secretary to the Government of India, in the Legislative Department.	3,500 0 0
" J. M. Macpherson (*Barrister-at-Law*).	Deputy Secretary, ditto . . .	2,000 0 0
Col. H. S. Jarrett . .	Assistant Secretary, ditto (*on furlough*)	2,000 0 0 550 as Asst. Secy., Legislative Dept., and 1,450 as Secy., Board of Examiners.
Capt. J. Hayes Sadler . .	Offg. Assistant Secretary, ditto.	

List of Officers holding gazetted appointments under the Government of India in the Foreign Department, as it stood on the 1st January 1890.

Names.	Appointments	Salaries and allowances *per mensem.*		
		R	*a.*	*p.*
Secretariat.				
Sir H. M. Durand, K.C.I.E., C.S.I., C.S. (On furlough.)	*Secretary* . . .	*4,000*	*0*	*0*
Mr. W. J. Cuningham, *Bo. C.S.* (*Offg. Secretary.*)	Under-Secretary .	3,166	10	0
Mr. H S. Barnes, *C S.* (*Pol. Agent, 2nd Class.*)	Offg. Under-Secretary .	1,500	0	0
Mr. J. A. Crawford, *Bo. C.S.* (*Offg. Pol. Agent., 2nd Class, First Asstt., and Secy. for Berar to the Resident at Hyderabad.*)	Jr. Under-Secy. .	1,200	0	0
Mr. G. R. Irwin, C.S. .	Offg. Jr. Under-Secretary	1,033	5	4
Capt. W. H. Cornish, S.C. (*Pol. Asstt., 1st—Offg. Political Agent, 3rd—Class.*)	Assistant Secretary .	1,000	0	0
Capt. W. H. M. Stewart, S C. (*Offg. Pol. Asstt., 2nd Class.*)	Attaché . . .	400	0	0
Assistant Surgeon Abdur Rahim Hakim, Khan Bahadur.	Attaché . . .	400	0	0

Appointments.	Names.
	Hyderabad.
Resident	Mr. D. FitzPatrick, C.S.I. . . .
1st Assistant, and Secretary for Berar, to the Resident .	Mr. J. A. Crawford, Bo. C.S. (*Jr. Under-Secy., Foreign Dept.*)
2nd Assistant, and Assistant Secretary for Berar, to the Resident; and Superintendent, Residency Bazaars, and Railway Magistrate.	Major A. M. Muir, S.C. (*Cant. Magt., Secunderabad.*)
Residency Surgeon	Surgeon-Major E. Lawrie, M.B. . .

* The equivalent of
† "
‡ "

Salaries and allowances *per mensem*.				Remarks.
	R	*a.*	*p.*	
	4,000	0	0	Resident, 1st Class.
	1,000	0	0	Sumptuary allowance.
	5,000	0	0	
	1,200	0	0	Offg. Political Agent, 2nd Class.
	250	0	0	Allowance as Secretary for Berar.
	200	0	0	Allowance for the trial of Thagi cases, provided aggregate emoluments do not exceed R1,650.
	1,650	0	0	
	800	0	0	Offg. Political Assistant, 1st Class.
	250	0	0	Allowance as Superintendent, Residency Bazaars.
	1,050	0	0	
	750	0	0	Residency Surgeon.
	414	3	0	Superintendent of Vaccination.
	414	3	0	Superintendent of Medical School.
	427	11	1*	Attendance on Nizam and family.
	256	9	10†	Surgeon, Afzalganj Hospital.
	171	1	3‡	In charge, Nizam's Medical Stores.
	100	0	0	Attendance upon the gazetted European members of the Nizam's service in Chudderghat.
	2,533	12	2	

Halli Sicca R 500.
" " " 300.
" " " 200.

Appointments.	Names.
	Hyderabad
Assistant to the Resident, and to the General Superintendent of Operations for the Suppression of Thagi and Dakaiti.	Lieut. M. A. Tighe, M.S.C. . . .
Extra Assistant Resident, in charge of the Residency Civil Offices and Treasury.	Mr. J. Wade . . . . .
Clerk of the Resident's Court, and Government Translator.	Bandhuji Janardan Chaobal . . .
Cantonment Magistrate, and Judge, Small Cause Court.	*Major A. M. Muir, S.C.* . . .
	Captain P. E. Henderson, B.S.C. (*Offg.*)
Assistant Cantonment Magistrate . . .	Dastur Edalji Bymonji . . . .
Attaché to the Resident	Hyder Ali Khan . . . . .
Ditto	C. Shama Rao . . . . .
Ditto	*Kumar Shree Harbhamji Rawaji* . .
Ditto	Mir Hashmat Ali . . . . .

Salaries and allowances *per mensem.*				Remarks.
—concluded.				
	R	*a.*	*p.*	
	500	0	0	Political Assistant, 3rd Class.
	100	0	0	Offg. Political Assistant, 2nd Class.
	600	0	0	
	500	0	0	
	500	0	0	Extra Assistant Commissioner, 2nd Class.
	50	0	0	Allowance as Government Translator.
	550	0	0	
	.....			*Secunderabad.—Offg. Political Assistant, 1st Class, and 2nd Assistant to the Resident, &c.*
	800	0	0	Offg. Cantonment Magistrate, Secunderabad.
	200	0	0	Acting allowance.
	1,000	0	0	
	466	10	8	Assistant Commissioner, 2nd (Offg. 1st) Class, Secunderabad.
	133	5	4	Acting and other allowances.
	600	0	0	
	200	0	0	Akola.
	200	0	0	Basim.
	333	5	4	*Offg. Assistant Commr., 3rd Class, Buldana.*
	200	0	0	Secunderabad.

Designation and Name.	Date of appointment to Commission.
	Berar.
Commissioner.	*One on R2,750*
Mr. T. Chichele Plowden, C.S.	21st November 1888
Judicial Commissioner.	*One on R2,750*
Colonel K. J. L. Mackenzie, M.S.C.	29th April 1862
Civil and Sessions Judge.	*One on R1,833-5-4*
Colonel R. Bullock, M.S.C.	*18th July 1862*
Mr. R. Obbard, C.S. (*Offg.*)	1st April 1887
Deputy Commissioners.	*1st Class, one on R*
Colonel H. C. A. Szczepanski, S.C.	10th November 1864
	2nd Class, two on R
Mr. H. B. Knowlys	*18th October 1866*
Colonel E. S. Ludlow, C.I.E., M.S.C. (Seconded.)	*16th November 1880*
Mr. H. S. Nicholetts	9th June 1865
Colonel H. DeP. Rennick, B.S.C. (*Offg.*)	19th April 1869
	3rd Class, three on R
Colonel H. DeP. Rennick, B.S.C.	*19th April 1889*
Mr. A. Elliott	28th May 1869
Mr. A. J. Dunlop. (Seconded)	*1st September 1869*
Mr. R. D. Hare	9th November 1875
Captain J. G. Morris (*Offg.*)	4th April 1887
Special Assistant Commissioners.	*Two on R*
Mr. R. Obbard, C.S.	*1st April 1887*
Captain W. Hastings, S.C.	*7th September 1887*
Mr. C. A. W. Davies (*Offg.*)	22nd March 1855
Assistant Commissioners.	*1st Class, three on R*
Captain J. G. Morris, S.C.	*4th April 1887*
Mr. C. A. W. Davies	*22nd March 1855*
Mr. H. Godwin Austen	14th December 1889
Syed Shams-ud-din Ali Khan Bahadur (*Offg.*)	9th July 1878
Muhammad Yasin Khan (*Offg.*)	3rd May 1876
Dastur Edulji Bymonji (*Offg.*)	15th July 1876

Date of promotion to present grade.	Remarks.
per mensem.	
21st November 1888 . .	Amraoti. Fixed travelling allowance of R250.
per mensem.	
1st July 1889 . . .	Amraoti.
per mensem.	
1st July 1889 . . .	*Furlough to the 10th December 1890.*
1st July 1889 . . .	Amraoti.
1,833-5-4 per mensem.	
5th February 1885 . .	Buldana.
1,666-10-8 per mensem.	
26th November 1888 . .	*Furlough, m. c., to the 27th November 1889.*
1st July 1889 . . .	*Transferred to Foreign Service, 11th February 1884.*
6th July 1889 . . .	Ellichpur.
7th July 1889 . . .	Wun.
1,333-5-4 per mensem.	
19th April 1889 . . .	*Officiating Deputy Commissioner, 2nd Class.*
9th April 1889 . . .	Amraoti.
6th July 1889 . . .	*Transferred to Foreign Service, 24th May 1883.*
6th July 1889 . . .	Akola.
22nd July 1889 . . .	Basim.
1,000 per mensem.	
1st April 1887 . . .	*Officiating Civil and Sessions Judge.*
7th September 1887 . .	*Furlough to the 24th June 1890.*
20th February 1889 . .	Akola.
900 per mensem.	
26th November 1888 . .	*Offg. Deputy Commissioner, 3rd Class.*
19th April 1889 . .	*Ditto ditto.*
14th December 1889 . .	Amraoti.
26th November 1888 . .	Privilege leave.
21st November 1888 . .	Amraoti.
21st May 1889 . . .	Secunderabad. Assistant Cantonment Magistrate.

Designation and Name.	Date of appointment to Commission.
	Berar
Assistant Commissioners—*concluded.*	*2nd Class, four on R*
Syed Shams-ud-din Ali Khan Bahadur	*9th July 1878*
Muhammad Yasin Khan	*3rd May 1876*
Dastur Edulji Bymonji	*15th July 1876*
Captain R. V. Garrett, S.C.	*19th June 1887*
Pandit Suraj Narayen (*Offg.*)	7th October 1881.
Vacancy. (*Offg.*)	
Vacancy. (*Offg.*)	
Vacancy. (*Offg.*)	
	3rd Class, five on
Yar Muhammad Khan. (*Seconded.*)	*26th May 1881*
Maulavi Muhammad Nizam-ud-din Hassan Khan. (*Seconded.*)	*11th July 1881*
Pundit Suraj Narayen	*7th October 1881*
Captain R. D. C. Davies, S.C.	19th November 1887
Mr. Rustomji Faridonji	19th November 1887*
Captain C. I. B. H. Dressner B.S.C.	12th December 1889
Vacancy.	
Kumar Shree Harbamji Rawaji, B A., LL M., *Barrister-at-Law.* (*Offg.*)	29th November 1886
Extra Assistant Commissioners.	*1st Class, two on*
Rao Bahadur Purshottam Rao Narayan	28th September 1868
Shrikrishna Narhar	1st January 1858
	2nd Class, two on
Vishnu Sadaseo. (*Seconded.*)	—— *March 1862*
Bandhuji Janardhan Chaobal	16th November 1881
Munshi Ajudhia Parshad	15th September 1885

*Date of appointment as Honorary Attaché.

Date of promotion to present grade.	Remarks.
—continued.	
700 per mensem.	
18th August 1887 . . .	*Officiating 1st Class (on privilege leave).*
26th November 1888 . .	*Ditto.*
19th April 1889 . . .	*Ditto.*
25th January 1889 . .	*Furlough to the 30th June 1890.*
1st February 1889 . .	Basim.
R500 per mensem.	
26th May 1881 . . .	*Transferred to Foreign Service, 1st April 1887.*
1st September 1887 . .	*Judicial Assistant Commissioner, Ajmere, 7th February 1889.*
26th November 1888 . .	*Officiating 2nd Class.*
19th November 1887 . .	Buldana.
19th November 1889 . .	Akola.
12th December 1889 . .	Ellichpur.
13th July 1889 . . .	Buldana.
R600 per mensem.	
29th April 1884 . .	Judge, Small Cause Court, Amraoti.
1st April 1885 . . .	Akola (Telhara).
R500 per mensem.	
6th November 1885 . .	*Transferred to Foreign Service, 23rd December 1888.*
7th July 1889. . . .	Hyderabad. Clerk of the Resident's Court. Allowances of Rs. 50 as Government translator.
12th September 1889 . .	Rasim.

Designation and Name.	Date of appointment to Commission.
	Berar
Extra Assistant Commissioners—*concluded.*	*3rd Class, five on*
Deo Rao Jeykrishna	1st January 1860
Vishwanath Narayan Dandekar	23rd October 1878
Mr. C. H. Price	15th September 1885
Maneksha Ruttanji Dastur	21st September 1885
Vacancy.	
	4th Class, four on
Ardasir Dinshaji Chenoy	23rd January 1873
Waman Narayen Bapat	*23rd December 1868*
Mr. R. MacGill	16th February 1886
Kesheo Rao Jey Krishna	10th May 1886
	5th Class, six on
Mr. S. H. King. (*Seconded*)	*30th January 1887*
Ganpat Babji Sahasrabudhe. (*Seconded*)	*11th April 1887*
Ambadas Santu	1st May 1858
M. Vishwanathum Moodliar	15th February 1888
Mr. E. Marshall	8th December 1888
„ J. O'Grady	11th July 1889
Wasudeo Sadashio Pisolkar	28th September 1889
Edalji Jamshedji Sanjana	15th November 1889
Govind Raz Mudliar	21st December 1889.

Date of promotion to present grade.	Remarks.
—concluded.	
R400 per mensem.	
1st July 1887 . . .	Wun (Yeotmal).
7th September 1889 . .	Ellichpur.
17th September 1889 . .	Amraoti (Morsi).
12th September 1889 . .	Khamgaon.
R300 per mensem.	
7th September 1889 . .	Ellichpur.
7th September 1889 . .	*On sick leave.*
7th September 1889 . .	Akola.
12th September 1889 . .	Amraoti.
R250 per mensem.	
30th January 1887 . .	*Treasury Officer, Quetta.*
11th April 1887 . . .	*Transferred to the Resident's Office, 14th December 1887.*
14th December 1887 . .	Buldana.
26th November 1888 . .	Wun (Yeotmal).
8th December 1888 . .	Buldana (Mulkapur).
11th July 1889 . . .	Amraoti.
28th September 1889 . .	Amraoti.
15th November 1889 . .	Amraoti (Badnera).
21st December 1889. . .	Wun (Yeotmal).

Names.	Appointment.
	Mysore.
Colonel Sir O. B. C. St. John, K.C.S.I., R.E. .	Resident of the 1st Class, Resident in Mysore, and Chief Commissioner and Judicial Commissioner of Coorg.
Lieutenant L. S. Newmarch, B.S.C. . . .	Assistant to the Resident in Mysore, and Secretary to the Chief Commissioner of Coorg.
Surgeon-Major P. H. Benson, M.B. (M.) (Seconded.)	*Residency Surgeon* . . . . .
Surgeon-Major A. F. Dobson, M.B. (M.) . .	Ditto . . . . .
Colonel W. Hill, M.S.C.	Civil and Sessions Judge, Civil and Military Station of Bangalore.
Lieut.-Col. H. M. S. Magrath, M.S.C. . .	District Magistrate and Collector, and President, Municipal Commission, Civil and Military Station of Bangalore.
Mr. E. Hewetson	District Superintendent of Police, Civil and Military Station of Bangalore.
Abdul Rahman	2nd Magistrate and Munsif, Civil and Military Station of Bangalore, and in charge of Resident's Treasury.

Date of appointment.	Salaries and allowances *per mensem.*				Remarks.
		R	*a.*	*p.*	
15th January 1889 .		4,000	0	0	
		500	0	0	Sumptuary allowance.
		4,500	0	0	
29th October 1889 .		800	0	0	Offg. Political Assistant, 1st Class.
		250	0	0	Local allowance.
		1,050	0	0	
.....		.....			*Employed under the Mysore Government.*
16th August 1883 .		750	0	0	
		200	0	0	Allowance from Municipality for charge of the Bowring Hospital.
		950	0	0	
25th March 1881 .		1,200	0	0	
18th February 1887 .		1,000	0	0	
25th March 1881 .		700	0	0	
14th January 1886 .		250	0	0	

Ajmere-

Designation of appointment, and name of incumbent.	Station.	Position in graded list.	Date when appointment was first created.
Chief Commissioner.			
Colonel C. K. M. Walter, S.C.	Abu	Resident, 1st Class	1st April 1871
Commissioner.			
Colonel G. H. Trevor, M.S.C.	Ajmere	Resident, 2nd Class	1st April 1871
Assistant Commissioners.			
Captain A. F. De Laessoe, C.M.G., CI.E.	Ajmere	Political Asstt., 1st—Offg. Pol. Agent, 3rd Class.	1st June 1877
Rai Bahadur Munshi Bishon Sarup (*Deputy Magistrate of Kekri*).	Merwara (Beawar)	.....	1st June 1877
Cantonment Magistrates.			
Colonel A. W. Roberts	Nusseerabad	Political Agent, 2nd Cl.	1st June 1877
Colonel F. W. Boileau, S.C. (Comdt., Deoli Irregular Force).	Deoli	.....	1st June 1887
Civil Surgeon.			
Surgeon-Major J. H. Newman, M.D.	*Ajmere*	.....	*6th May 1883*
Surgeon-Major D. Ft. Mullen, M.D. (*Offg.*) (*Resdy. Surgeon in Meywar*).	Ajmere	.....	6th May 1883
Judicial Assistant.			
Maulavi Muhammad Nizam-ud-din Hassan Khan (*Assistant Commissioner, 3rd Class, Berar*).	Ajmere	.....	1st June 1877
Extra Assistant Commissioner and Treasury Officer.			
Mr. Govind Ram Chandra Khandikar, S.A.	Ajmere	.....	1st June 1877
Deputy Magistrate.			
Rai Bahadur Munshi Bishen Sarup	*Kekri*	.....	*1st June 1877*
Munshi Allanur Khan (*Offg.*)	Kekri	.....	1st June 1877
District Superintendent of Police.			
Mr. B. Egerton	Ajmere	.....	6th December 1861
Principal, Govt. College.			
Mr. F. L. Reid	Ajmere	.....	13th March 1868
Head Master, Govt. College.			
Mr. T. Harris, B.A.	Ajmere	.....	25th March 1851
Sub-Assistant Conservator of Forests.			
Sardar Hira Singh	Ajmere	.....	1st June 1877

Baroda.

Names.	Appointment.
General Sir H. N. D. Prendergast, K.C.B., V.C., R.E.	Resdt., 2nd Class, and Agent to the Governor-General.
Captain J. H. Sadler, S.C.	*Assistant to the Agent to the Governor-General, and Boundary Commissioner.*
Captain G. E. H. Cates, S.C.	Officiating

Merwara.

Date of incumbent's first appointment to civil employ.	Date of incumbent's appointment to present office.	Salary *per mensem*.	Remarks.
		R a. p.	
27th January 1857	1st April 1887	.....	The appointment is held *ex-officio* by the Governor-General's Agent in Rajputana.
25th June 1862	14th November 1889 31st December 1887*	2,000 0 0 150 0 0	Fixed travelling allowance.†
		2,150 0 0	
1st November 1887	7th September 1889	1,000 0 0 200 0 0	Local allowance.
		1,200 0 0	
1st June 1877	6th September 1889	150 0 0 150 0 0	Holding charge of the current duties. Charge allowance.
		300 0 0	
30th March 1864 31st December 1884	16th September 1889 31st December 1884	1,200 0 0 50 0 0	In addition to regimental pay and allowances.
6th September 1868	*21st October 1878*	.....	*Offg. Residency Surgeon, Abu, and Offg. Supdt. Genl. of Dispensaries and Vaccination in Rajputana.*
26th April 1882	7th May 1889	750 0 0 150 0 0 50 0 0 50 0 0 100 0 0 250 0 0	Civil Surgeon. Superintendent of Jail. Fees from Government College. Fees from Mayo College. Medical Officer, Merwara Battalion. Allowance from Rajputana-Malwa Railway.
		1,350 0 0	
11th July 1881	7th February 1889	600 0 0	
5th September 1889	5th September 1887	300 0 0	
1st June 1877	*1st June 1877*	*150 0 0*	*In charge of the current duties of the office of Assistant Commissioner, Merwara.*
7th September 1889	7th September 1889	90 0 0	
17th June 1879	18th January 1884	700 0 0	
23rd June 1879	23rd June 1879	600 0 0	And Inspector of Schools in Ajmere-Merwara.
31st March 1866	16th August 1866	350 0 0	
4th September 1889	4th September 1889	150 0 0	

Date of appointment.	Salaries and allowances *per mensem*.	Remarks.
	R a. p.	
18th January 1889	2,500 0 0	
8th May 1881	*800 0 0*	*Offg. Assistant Secretary to the Government of India in the Legislative Department, and Secretary to the Board of Examiners, Calcutta.*
13th May 1889	800 0 0	

* Confirmed.

† Future incumbents, whether substantive or officiating, will receive a travelling allowance of R10 a day while on tour.

Names.	Appointment.
	Baroda—
Captain J. C. Francis (*5th Regt., Bo. Light Infy.*).	Cantonment Magistrate, Railway Magistrate, and Judge, Small Cause Court.
Lieut.-Col. F. H. Jackson, Bo. Genl. List, Infantry.	Assistant to the Agent to the Governor-General, in charge of the Amreli Mahals.
Colonel W. A. Salmon, Bo. S.C.	*Assistant to the G.-G.'s Agent, in charge of the Okhamandal District, and Commandant, Wagheer Corps.*
Mr. H. Harrison (*Officiating*) (*Commandant of His Highness the Gaekwar's Local Battalion at Dhari.*)	
Mr. H. Harrison	*Comdt. of H. H. the Gaekwar's Local Battalion at Dhari.*
Surgeon G. E. Fooks (*Medl. Offr., 5th Regt., Bo. Light Infy.*).	Residency Surgeon

Rajpu-

Appointments.	Incumbents.	Position in graded list.
Agent to the Governor-General	Colonel C. K M. Walter, S.C.	Resident, 1st Class
Resident in Meywar (Oodeypore)	*Col. S. B. Miles, Bo. S.C.*	*Offg. Resident, 2nd Class*
	Major E. A. Fraser, M.C.S.	Offg. Resident, 2nd Class
Resident at Jeypore	Lieut.-Col. W. F. Prideaux, Bo. S.C.	Resident, 2nd Class
Resident in the Western States of Rajputana (Jodhpore).	Colonel P. W. Powlett, S.C.	Resident, 2nd Class

Date of appointment.	Salaries and allowances *per mensem.*	Remarks.
concluded.	*R a. p.*	
2nd September 1889 .	200 0 0	Local allowance, in addition to Military pay and allowances.
8th May 1881 .	827 14 0 213 0 0	Special allowance.
	1,040 14 0	
8th November 1887 .	*827 14 0*	*Officiating Political Agent, Cutch.*
.....	725 12 0	
6th November 1878 .	525 12 0	*Offg. Asstt. at Okhamandal, &c.*
3rd May 1888 . .	100 0 0	In addition to Military pay.

tana.

Salaries and allowances *per mensem.*	Remarks.
R a. p.	
4,000 0 0 250 0 0	Special allowance.
4,250 0 0	
2,000 0 0	*On 6 months' furlo., from 21st December 1889.*
1,666 10 8	
2,000 0 0 100 0 0	Special allowance.
2,100 0 0	
2,000 0 0	

Appointments.	Incumbents.	Position in graded list.
		Rajputana—
Boundary Settlement Officer in Marwar, and Assistant to the Resident in the Western States of Rajputana (Jodhpore).	Major W. Loch, Bo. S.C. .	Political Agent, 3rd—Addl. Political Agent, 3rd—Class.
P. A. in Harowtee and Tonk . .	Major A. P. Thornton, S.C. .	Political Agent, 3rd—Offg. 2nd—Class.
P. A. in Ulwur	Col. H. P. Peacock, Bengal Cavalry.	Political Agent, 1st Class.
P. A. in Kotah	*Col. C. A. Baylay, S.C.* .	*Political Agent, 1st—Addl. 1st—Class.*
P. A. in Bikanir	Major A. C. Talbot, C.I.E., S.C.	Political Agent, 1st—Addl. Political Agent, 1st—Class.
P. Superintendent of Jhallawar .	Lieut.-Col. H. B. Abbott, Bo. S.C.	Political Agent, 1st—Addl. 1st—Class.
P. A. in the Eastern States of Rajputana.	Major N. C. Martelli, S.C.	Political Agent, 3rd—Addl. 1st—Class.
1st Assistant to the Governor-General's Agent in Rajputana and C.-C. of Ajmere-Merwara.	Major E. A. Fraser, M.S.C. .	Political Agent, 3rd—Offg. 2nd—Class.
Asst. to the Governor-General's Agent.	Lieut. K. D. Erskine, S.C. .	Political Asstt., 3rd—Offg. Political Asstt., 1st—Class.
Asst. to the Governor-General's Agent.	Lieut. L. Impey, S.C. .	Political Asstt., 3rd—Offg. 2nd—Class.
Supdt. of Operations for the Control of the Moghyas.	Lieut. A. F. Pinhey, Bo. S.C.	Political Asstt., 2nd—Addl. 1st—Class.
Attaché to the Governor-General's Agent.	Kumar Lachman Singh .	.....

P. A. stands for

Salaries and allowances *per mensem.*				Remarks.
continued.				
	R	*a.*	*p.*	
	1,000	0	0	
	500	0	0	Special temporary allowance.
	1,500	0	0	
	1,200	0	0	
	1,500	0	0	
	1,500	*0*	*0*	
	1,500	0	0	
	500	0	0	Special personal allowance during the minority of the Chief.
	2,000	0	0	
	1,500	0	0	
	1,500	0	0	
	1,200	0	0	Officiating Resdt., Meywar, from 21st December 1889.
	700	0	0	
	600	0	0	And Magistrate of Abu.
	800	0	0	And Asstt. Political Agent at Banswara.
	400	0	0	

Political Agent.

Appointments.	Incumbents.	Position in graded list.
		Rajputana—
Asstt. to the Governor-General's Agent, and to the Genl. Supdt. of Operations for the Suppression of Thagi and Dakaiti in Rajputana.	Lieut. S. F. Bayley, S.C. .	Offg. Political Asstt., 2nd Class.
Supdt., Rajputana-Malwa State Railway Police.	Mr. R. E. Acklom . .	.....
(*a*) 1st Asstt. to the Resident in Meywar.	Lieut.-Col. A. R. T. McRae, Bo. G.L., I.	
(*b*) 2nd Asstt. to the Resident in Meywar.	Captain E. R. Penrose, Bo. S.C.	.....
Settlement Officer, Meywar . .	Mr. C. E. Biddulph . .	.....
Settlement Officer, Tonk . .	Capt. T. C. Pears, S.C. .	Political Asstt., 1st Class . (*Seconded list.*)
Medical.		
Residency Surgeon, and Supdt.-Genl. of Dispensaries and Vaccination.	*Brigade-Surgeon L. D. Spencer, M.D.*	.....
	Surgeon-Major J. H. Newman, M.D. (*Civil Surgeon of Ajmere*) (*Offg.*).	.....
Residency Surgeon, Meywar (Oodeypore).	*Surgeon-Major D. ff. Mullen, M.D.*	.....
	Surgeon W. H. Neilson, M.B. (M.) (*Medl. Offr., Erin. Irr. Force.* (*Offg.*)	.....
Residency Surgeon, Jeypore . .	Surgeon-Major T. H. Hendley	.....
Residency Surgeon, Western Rajputana States (Jodhpore).	Surgeon-Major A. Adams, M. D. (M.)	.....
Agency Surgeon, Ulwur .	*Surgeon-Major T. ff. Mullen, M.D.*	.....
	Surgeon A. S. Faulkner (*Medl. Offr., 19th Regt., Bombay Infantry.*) (*Offg.*)	.....
Medical Offr., Kotah and Jhalrapatan Agencies.	*Surgeon-Major J. Crofts, M.D.*	.....
	Surgeon R. Shore, M.D. (*Offg.*)	.....
Civil Surgeon, Bikanir .	*Surgeon P. D. Pank* .	.....
	Surgeon G. J. H. Bell, M.B. (*Offg.*)	.....
Harowtee and Tonk Agency, and Deoli Irregular Force.	*Surgeon H. N. V. Harington (M.)*	.....

(*a*) The appointment is held *ex-officio* by the
(*b*) The appointment is held *ex-officio* by the

Salaries and allowances *per mensem.*				Remarks
concluded.				
	R	a.	p.	
	550	0	0	
	1,000	0	0	
	100	0	0	Allowance.
	1,000	0	0	
	1,000	0	0	(*Gross.*)
	.....			*Furlough out of India, p. a., 1 year and 182 days. G. G. O., dated the 24th May 1889.*
	1,225	0	0	Inclusive of allowances.
	....			*Offg. Civil Surgeon, Ajmere.*
	550	0	0	Besides R275 from the Durbar.
	750	0	0	Besides R750 from the Durbar.
	750	0	0	*Besides R150 from the Durbar, and R30 from the Mullani Fund; also a personal allowance of R400 from the Durbar.*
	.....			*Offg. Residency Surgeon, Bushire.*
	550	0	0	Besides R150 from the Durbar as Superintendent, Jail and Dispensaries. *Furlough extended to the 11th June 1890.*
	.....			
	550	0	0	R275 local allowance from the Durbars.
	.....			*Furlough to the 17th April 1890.*
	.....			Besides R350 from the Durbar for supervision of Jails and Dispensaries, &c.
	100	0	0	In addition to Military pay.

Commandant of the Meywar Bheel Corps.
2nd-in-Command of the Meywar Bheel Corps.

Appointments.	Incumbents.	Position in graded list.
		Central
Agent to the Governor-General .	Mr. F. Henvey, C.S. .	Resident, 1st Class . .
Resident at Gwalior . . .	Major D. W. K. Barr, Bo. S.C.	Resident, 2nd Class . .
P. A. in Bhopal	Lieut.-Col. H. Wylie, C.S.I., G. L. I.	Political Agent, 2nd—Offg. 1st—Class.
P. A. in Bundelkhand . . .	Lieut.-Col. F. A. Wilson, S.C.	Political Agent, 2nd—Offg. 1st—Class.
P. A. in Baghelkhand, and Supdt. of the Rewah State.	Major D. Robertson, M.S.C.	Political Agent, 2nd—Additional 1st—Class.
P. A. in Bhopawar . . .	Capt. M. J. Meade, S.C. .	Political Agent, 3rd Class .
Supdt. of Operations for the Control of the Moghyas.	Lieut. A. F. Pinhey, Bo. S.C.	Political Asstt., 3rd—Additional 1st—Class.
1st Asstt. to the G.-G.'s Agent .	Mr. A. H. T. Martindale, M.C.S.	Political Agent, 3rd—Offg. 2nd—Class.
Asstt. to the G.-G.'s Agent . .	Mr. A. L. P. Tucker, Bo. C.S.	Offg. Political Asstt., 1st Class.
Asstt. to the G.-G.'s Agent . .	Lieut. J. L. Kaye, S.C. .	Offg. Political Asstt., 3rd Class.

P. A. stands for

Salaries and allowances *per mensem*.				Remarks.
India.				
	R	*a.*	*p.*	
	4,000	0	0	
	250	0	0	Special allowance.
	4,250	0	0	
	2,500	0	0	
	1,400	0	0	
	1,400	0	0	
	200	0	0	Local allowance (for Charkhari).
	1,600	0	0	
	1,500	0	0	
	1,000	0	0	
	800	0	0	
	1,200	0	0	
	200	0	0	Local allowance for the charge and supervision of the Dewas State (Senior Branch).
	1,400	0	0	
	700	0	0	
	400	0	0	

Political Agent.

Appointments.	Incumbents.	Position in graded list.
		Central
Political Agent, Western Malwa .	Col. H. M. Buller, Cav. .	.....
Political Assistant at Goona . .	Col. M. G. Gerard, C.B., S.C.	.....
Cantonment Magistrate at Mhow .	Col. W. S. Peat, Bo. G.L. C.	.....
Cantonment Magistrate at Neemuch.	Captain F. G. Alexander, Bo. S.C.	.....
Cantonment Magistrate at Nowgong	Lieut. A. S. Rooke, M. S. C. (*Wing Offr., 2nd Goorkha Regt.*)	.....
Cantonment Magistrate at Sipri .	Captain W. K. Lloyd, 1st Batt., Suffolk Regt.	.....
Boundary Settlement Officer in Bundelkhand.	Vacant	.....
Attaché to the Govr.-Genl.'s Agent.	Sahibzada Muhammad Wahid-ud-din.	.....
Native Asstt. to the Govr.-Genl.'s Agent.	Munshi Gurdit Singh .	.....
	Medical.	
Residency Surgeon, and Civil Administrative Medical Officer in Central India.	Surgeon-Major D. F. Keegan, M.D.	.....

Salaries and allowances *per mensem.*				Remarks.
India—*continued.*				
R	*a.*	*p.*		
300	0	0		Local allowance. The appointment is held *ex-officio* by the Commandant, Central India Horse.
150	0	0		Local allowance. The appointment is held *ex-officio* by the Commandant of the Regiment (now 2nd) of Central India Horse stationed at Goona.
1,127	14	0		Pay of rank.
300	0	0		Staff allowance.
1,337	0	0		
374	1	6		Pay of rank.
200	0	0		Staff allowance.
574	1	6		
600	0	0		
50	0	0		Staff allowance. The appointment is held *ex-officio* by the Officer Commanding at Sipri.
400	0	0		
400	0	0		
1,050	0	0		Residency Surgeon, Indore.
451	10	8		Charitable Dispensaries.
150	0	0		Civil Administrative Medical Officer in Central India.
125	0	0		For medical class. from Durbar.
100	0	0		Consulting Surgeon, Rajputana-Malwa Railway.
175	0	0		Superintendent, Central India Agency Jail, Indore.
1,951	10	8		

Appointments.	Incumbents.	Position in graded list.
		Central
	Medical—*contd.*	
In Medical charge, Bhopal Agency and Bhopal Battalion (Sehore).	Surgeon-Major A. H. C. Dane, M.D. (Bo.)	.....
In Medical charge, Goona Agency, and 2nd Regt., C. I. Horse.	*Surgeon C. G. W. Lowdell (Bo.)*	.....
	Surgeon G. B. Irvine (*Offg.*)	.....
In Medical charge, Bundelkhand Agency (Nowgong), and 1st Bengal Infantry.	Surgeon E. Craton . .	.....
In Medical charge, Western Malwa Agency (Agar), and 1st Regt., C. I. Horse.	*Surgeon-Major R. Caldecott (Bo.)*	.....
	Surgeon C. C. Manifold (*Offg.*)	.....
In Medical charge, Bhopawar Agency (Sirdarpore), and Malwa Bheel Corps.	*Surgeon-Major J. Duke* .	.....
	Surgeon C. G. W. Lowdell (*Offg.*).	.....
In Medical charge, Baghelkhand Agency and Dispensaries (Sutna).	*Surgeon-Major S. J. Goldsmith (Bo.).*	.....
	Surgeon G. H. D. Gimlette, M.D. (*Resdy. Surgn., Nepal.*) (*Offg.*)	.....
In Medical charge, Gwalior Residency.	Surgeon-Major A. M. Crofts	.....
		Kash
Resident	Colonel R. P. Nisbet, C.I.E., S.C.	Resident, 2nd Class .
Residency Surgeon . . .	*Surgeon-Major A. Deane, M.D.*	.....
	Surgeon-Major J. Duke (*Offg.*).	.....
		La
British Joint Commr. at Leh .	Captain H. L. Ramsay, S.C. .	Political Agent., 3rd Class .
	Vacant.	

R	a.	p.	
* 150	0	0	for superintendence of dispensaries
200	0	0	annual travelling allowance
30	0	0	on account of the Amjhera State,
20	0	0	for a Clerk, from the Indore Road

Salaries and allowances *per mensem.*				REMARKS.
India—*concluded.*				
	R	*a.*	*p.*	
	.....			
	100	0	0	In addition to Military pay.
	125	0	0	From Indian Midland Railway
	70	0	0	Supdt., Victoria Hospital.
	80	0	0	Supdt. of Vaccination.
	375	0	0	
	.....			Offg. Agency Surgeon, Bhopawar.
	30	0	0	In addition to Military pay.
	100	0	0	In addition to Military pay.
	.....			*Leave out of India, p. a., to the 30th April 1890.*
	100	0	0	In addition to Military pay.
	.....			Offg. Residency Surgeon, Kashmir.
	*100	0	0	In addition to Military pay.
	.....			*Furlough, m. c., 1 year. Bo. G. G. O. dated the 30th March 1889.*
	550	0	0	Allowance for superintending Rewah State Dispensaries.
	300	0	0	Acting allowance as Tutor to H. H. the Maharaja.
	60	0	0	
	910	0	0	
	.....			Performs the duties, in addition to his own, as Medical Officer to His Highness the Maharaja Sindhia of Gwalior, without remuneration.
mir, &c.				
	2,000	0	0	
	250	0	0	Sumptuary allowance.
	2,250	0	0	
	750	*0*	*0*	*Furlough in and out of India, p. a., to the 18th May 1891. Surgeon-Major J. Duke holding charge.*
	100	*0*	*0*	*For charge of medical supervision of Sialkot-Jammu Railway Extension during construction.*
	850	*0*	*0*	
dakh.				
	800	0	0	(*On privilege leave.*)
	150	0	0	Special allowance.
	110	0	0	Travelling allowance.
	1,060	0	0	

contributed by States concerned and Local Funds.]
from the Dharmsala Fund.
Fund.

Appointments.	Incumbents.	Position in graded list.
		Ne
Resident	Major E. L. Durand, C.B.,S.C.	Resident, 2nd Class .
Residency Surgeon . . .	*Surgeon G. H. D. Gimlette, M.D.*	.....
	Surgeon G. H. Baker (*Offg.*)	.....
		Persian
Political Resident . . .	Colonel E. C. Ross, C.S.I., Bo. S.C.	Resident, 2nd Class . .
1st Assistant to the Poltical Resident.	Lieut.. W. C. R. Stratton, S.C.	Political Asstt., 2nd—Offg. Political Agent, 3rd—Class.
Uncovenanted Assistant . .	Mr. G. Lucas . . .	.....
Native Assistant	*Asstt. Surgeon Abdur Rahim Hakim, Khan Bahadur.*	.....
Residency Surgeon . . .	*Surgeon-Major D. R. Ross, M.D. (Bo.)*	.....
	Surgeon-Major T. ff. Mullen, M.D. (*Agency Surgeon, Ulwur.*) (*Offg.*)	.....
		Mus
Political Agent	Major C. E. Yate, C.S.I., C.M.G., Bo. S.C. . .	Political Agent, 3rd Class.
Agency Surgeon	Surgeon-Major A. S. G. Jayakar (Bo.).	.....
		Turkish
Political Resident . . .	Colonel W. Tweedie, C.S.I. S.C.	Resident, 2nd Class . .
Political Agent at Basra. . .	Capt. C. W. Ravenshaw, C.S.	Political Agent, 3rd Class .
Residency Surgeon . . .	Brigade-Surgeon R. Bowman (Bo.).	.....

Salaries and allowances *per mensem*.				Remarks.
pal.				
	R	*a.*	*p.*	
	2,000	0	0	
	250	0	0	Local allowance.
	2,250	0	0	
	.....			*Offg. Agency Surgeon in Bhagelkhand.*
	386	10	0	
Gulf.				
	2,500	0	0	
	250	0	0	Special allowance.
	2,750	0	0	
	866	10	8	
	300	0	0	Personal allowance R50.
	.....			*Officiating Attaché in Foreign Department.* Duties being discharged by Mr. J. P. Sequeira, Head Clerk, Muscat Political Agency.
	.....			*Furlough to the 9th April 1890.*
	952	3	7	
cat.				
	1,000	0	0	
	150	0	0	Special allowance.
	1,150	0	0	
	950	0	0	
Arabia.				
	2,500	0	0	
	1,000	0	0	
	950	0	0	

Appointments.	Incumbents.	Position in graded list.
		Thagi
Genl. Supdt. of Operations for the Suppression of Thagi and Dakaiti.	Colonel P. D. Henderson, C.S.I., Madras Cavalry.	Resident, 2nd Class . .
Asstt. to the Genl. Supdt. . .	Mr. D. E. McCracken, U.C.S.	.....
		Baluch
Agent to the Governor-General .	Colonel Sir R. G. Sandeman, K.C.S.I., S.C.	Resident, 1st Class . .
Political Agent, Thal-Chotiali .	Captain I. MacIvor, S.C. .	Political Agent, 3rd Class .
Political Agent in South-Eastern Baluchistan.	Colonel E. S. Reynolds, Bo. S.C.	Political Agent, 1st Class .
Political Agent, Quetta and Pishin .	Major G. Gaisford, S. C. .	Political Asstt., 1st—Offg. Political Agent, 3rd—Class.
Political Agent, Kalat . .	Captain H. M. Temple, S.C. .	Political Agent, 3rd Class .
1st Assistant to the Governor-General's Agent.	Mr. E. G. Colvin, C. S. .	Political Asstt., 2nd—Offg. Political Agent, 3rd—Class.
2nd Assistant to the Governor-General's Agent.	Lieut. F. W. P. MacDonald, B.S.C.	Political Asstt., 3rd Class, Offg. Political Asstt, 1st Class.
Assistant Political Agent, Thal-Chotiali.	Lieut. C. Archer, S.C. .	Offg. Political Asstt., 1st Class.
	Lieut. C. M. Cubitt, B.S.C. (*Offg.*)	
Cantonment Magistrate, Quetta .	Lieut.-Col. W. H. Browne, S.C.	.....
Treasury Officer, Quetta . .	Mr. S. H. King. (*Extra Asstt. Commr., 5th Class, Berar.*)	.....

Salaries and allowances *per mensem*.				Remarks.
and Dakaiti.				
	R	*a.*	*p.*	
	*2,500	0	0	
	800	0	0	
istan.				
	4,000	0	0	
	250	0	0	Fixed travelling allowance.
	4,250	0	0	
	1,000	0	0	
	180	0	0	Fixed travelling allowance.
	1,180	0	0	
	1,500	0	0	
	180	0	0	Fixed travelling allowance.
	1,680	0	0	
	1,000	0	0	
	100	0	0	Pashtu allowance.
	180	0	0	Fixed travelling allowance.
	1,280	0	0	
	1,000	0	0	
	100	0	0	Baluchi allowance.
	180	0	0	Fixed travelling allowance.
	1,280	0	0	
	866	10	8	
	150	0	0	Fixed travelling allowance.
	1,016	10	8	
	700	0	0	
	150	0	0	Fixed travelling allowance.
	850	0	0	
	375	12	0	On three months' privilege leave from 10th December 1889.
	124	4	0	
	150	0	0	Fixed travelling allowance.
	650	0	0	
	827	14	0	Staff Corps pay of rank.
	200	0	0	Local allowance.
	100	0	0	Pashtu allowance.
	1,127	14	0	
	500	0	0	

* Future incumbents to receive R2,000 only.

Appointments.	Incumbents.	Position in graded list.
		Baluch
Agency Surgeon, Quetta . .	*Surgeon-Major J. C. Fullerton, M.B.*	.....
	Surgeon A. W. D. Leahy (*Offg.*).	.....
Civil Surgeon, Sibi . . .	Surgeon R. R. Weir, M.B. .	.....
Extra Judicial Assistant Commissioner, Quetta, and Uncovenanted Asstt. to the G.-G.'s Agent.	Mr. W. A. Ingle (Bo.) .	.....
Native Assistant, Bori . .	Khan Bahadur Hak Nawaz Khan.	.....
Native Assistant, Sibi . . .	Rai Bahadur Hittu Ram, C.I.E.	.....
Native Assistant, Bolan Pass . .	Munshi Najaf Ali . .	.....
Native Assistant, Quetta . .	Diwan Ganpat Rai . .	.....
Officiating Deputy Conservator of Forests.	Mr. J. H. Lace . .	.....
Assistant District Superintendent of Police, Quetta.	Lieut. G. Chenevix, B.S.C. (*Offg.*)	Political Asstt. 3rd—Offg. Political Asstt., 2nd—Class.
		Political Officer in charge
Political Officer in charge of the ex-Amir.	Colonel V. E. Law, Madras General List, Cavy.	Political Agent, 2nd Class .
		Political Officer with
Political Officer in charge of Sardar Ayub Khan.	Major J. H. Newill . .	Political Agent, 3rd—and Offg. Pol. Asstt., 2nd—Class.

Salaries and allowances *per mensem.*				REMARKS.
istan—*concld.*				
	*200	0	0	*Special allowance. Fur., p. a., 1 yr. and 213 days, 18th April 1888.*
	392	5	2	
	128	13	5	Acting allowance.
	100	0	0	From North-Western Railway.
	150	0	0	Special allowance.
	50	0	0	Local allowance as *ex-officio* Supdt. of Civil Jail.
	821	2	7	
	650	0	0	
	800	0	0	
	150	0	0	Local allowance.
	90	0	0	Fixed travelling allowance.
	1,040	0	0	
	250	0	0	
	90	0	0	Fixed travelling allowance.
	340	0	0	
	400	0	0	
	150	0	0	Local allowance.
	90	0	0	Fixed travelling allowance.
	640	0	0	
	250	0	0	
	90	0	0	Fixed travelling allowance.
	340	0	0	
	250	0	0	
	90	0	0	Fixed travelling allowance.
	340	0	0	
	500	0	0	
	.....			
	.....			Deputation allowance.
	.....			Fixed travelling allowance.
	.....			
of the ex-Amir.				
	1,200	0	0	House-rent R1,700 *per annum.*
Sardar Ayub Khan.				
	1,200	0	0	

* Future incumbents to receive R150.

Medical appointments.

I.—First class charges.

Station.	Names.	Salaries and allowances.	Remarks.
Rajputana.		R a. p.	
Abu	*Brigade-Surgeon L.D. Spencer, M.D.*	.....	*Residency Surgeon, and Superintendent-General of Dispensaries and Vaccination. Furlough out of India, p. a., 1 year and 182 days. G. G. O dated the 24th May 1889.*
	Surgeon-Major J. H. Newman, M.D. (*Civil Surgeon of Ajmere.*) (*Offg.*)	1,225 0 0	Inclusive of allowances.
Central India.			
Indore . . .	Surgeon-Major D. F. Keegan, M.D. ...	1,050 0 0	Residency Surgeon.
		150 0 0	Civil Administrative Medical Officer in Central India.
		451 10 8	Charitable Dispensaries.
		100 0 0	From Rajputana-Malwa Railway.
		125 0 0	For medical class, from Durbar.
		75 0 0	Superintendent, Central India Agency Jail, Indore.
		1,951 10 8	
Baluchistan.			
Quetta . . .	*Surgeon-Major J. C. Fullerton, M.B.*	*200 0 0	*Agency Surgeon. Furlough, p. a., 1 year and 213 days, 18th April 1888.*
	Surgeon A. W. D. Leahy (*Offg.*).	392 5 2	
		128 13 5	Acting allowance.
		150 0 0	Special allowance.
		100 0 0	From North-Western Ry.
		50 0 0	Jail allowance.
		821 2 7	
Sibi	Surgeon R. R. Weir, M.B.	650 0 0	Civil Surgeon.
Persian Gulf.			
Bushire . . .	*Surgeon-Major D. R Ross, M.D. (Bo.)*	. . .	*Residency Surgeon. Furlough to the 9th April 1890.*
	Surgeon-Major T. Ff. Mullen, M D (*Agency Surgeon, Ulwur.*) (*Offg.*)	952 3 7	

* Special allowance. Future incumbents to receive R150 only.

Medical appointments—*continued.*

II.—Second class charges.

Station.	Names.	Salaries and allowances.				Remarks.
		R	a.	p.		
Hyderabad.						
Hyderabad . . .	Surgeon-Major E Lawrie, M.B.	750	0	0		Residency Surgeon.
		414	3	0		Superintendent of Vaccination.
		414	3	0		Superintendent of Medical School.
		(1) 427	11	1		Attendance on Nizam and family.
		(2) 256	9	10		Surgeon, Afzalganj Hospital.
		(3) 171	1	3		In charge, Nizam's Medical Stores.
		100	0	0		Attendance upon the gazetted European members of the Nizam's service in Chudderghat.
		2,533	12	2		
Nepal.						
Katmandhu . . .	*Surgeon G. H. D. Gimlette, M.D.*	.....				*Residency Surgeon.—Officiating Agency Surgeon in Bhagelkhand.*
	Surgeon G. H. Baker (*Offg.*).	386	10	0		
Rajputana.						
Meywar (Oodeypore) .	*Surgeon-Major D. Ff. Mullen, M.D.*	.....				*Residency Surgeon—Officiating Civil Surgeon, Ajmere.*
	Surgeon W. H. Neilson, M.B. (*M.*) (*Medical Officer Erin. Irr. Force.*) (*Offg.*)	550	0	0		Offg. Residency Surgeon. Besides R275 from the Durbar.
Jeypore . . .	Surgeon-Major T. H. Hendley.	750	0	0		Residency Surgeon. Besides R750 from the Durbar.
Western Rajputana States (Jodhpore).	*Surgeon-Major A. Adams, M.D. (M.)*	*750*	*0*	*0*		*Residency Surgeon. Besides R150 from the Durbar, and R30 from the Mullani Fund; also a personal allowance of R400 from the Durbar.*

(1) The equivalent of Halli Sicca R500.
(2) " " " " " "300.
(3) " " " " " "200.

Medical appointments—*continued.*

II.—Second class charges—*continued.*

Station.	Names.	Salaries and allowances.	Remarks.
Rajputana—*concld.*		R a. p.	
Ulwur	*Surgeon-Major T. Ff Mullen, M D.*	.....	*Agency Surgeon—Offg. Residency Surgeon, Bushire.*
	Surgeon A S. Faulkner, *Medical Officer, 19th Regiment, Bombay Infantry. (Offg.)*	150 0 0	Besides R150 from the Durbar as Superintendent, Jail and Dispensaries.
Kotah and Jhalrapatan	*Surgeon-Major J. Crofts, M.D.*	.....	*Medical Officer. Furlough to the 11th June 1890.*
	Surgeon R. Shore, M.D. (*Offg.*)	550 0 0	R275, local allowance from the Durbars.
Bikanir . . .	*Surgeon P. D. Pank*	.....	*Civil Surgeon. Furlough to the 17th April 1890.*
	Surgeon G. J. H. Bell, M.B. (*Offg.*)	.....	Besides R350 from the Durbar, for supervision of Jails and Dispensaries, &c.
Mysore.			
Bangalore . . .	*Surgeon-Major P. H. Benson, M.B. (M.) (Seconded.)*	.....	*Residency Surgeon. Employed under the Mysore Government.*
	Surgeon-Major A. F. Dobson, M.B. (M.)	750 0 0	Residency Surgeon.
		200 0 0	Allowance from Municipality for charge of the Bowring Hospital.
		950 0 0	
Muscat.			
Muscat	Surgeon-Major A. S. G. Jayakar (Bo.).	950 0 0	Agency Surgeon.

Medical appointments—*continued.*

II.—Second class charges—*concluded.*

Station.	Names.	Salaries and allowances.	Remarks.
Central India.		*R a. p.*	
BAGHELKHAND (SUTNA) .	*Surgeon-Major S. J. Goldsmith (Bo.)*	.....	*Agency Surgeon. Fur., m. c., 1 year. Bo. G. G. O., 30th March 1889.*
	Surgeon. G. H. D. Gimlette, M.D. (*Resdy. Surg., Nepal.*) (*Offg.*)	550 0 0	
		300 0 0	Allowance for superintending Rewah State Dispensaries.
		60 0 0	Acting allowance as Tutor to H. H. the Maharaja.
		910 0 0	
Turkish Arabia.			
Baghdad . . .	Brigade-Surgeon R. Bowman.	950 0 0	Residency Surgeon.
Kashmir.			
SRINAGAR . . .	*Surgeon-Major A. Deane, M.D.*	*750 0 0*	*Residency Surgeon. Fur in & out of India, p. a., to the 18th May 1891.* Surgeon-Major J. Duke holding charge.
		100 0 0	*For charge of medical supervision of Sialkot-Jammu Railway Extension during construction.*
		850 0 0	
Ajmere-Merwara.			
AJMERE . . .	*Surgeon-Major J. H Newman, M.D.*	.....	*Civil Surgeon.—Offg. Residency Surgeon, Abu, and Offg. Supdt.-General of Dis. and Vaccn. in Rajputana.*
	Surgeon-Major D. Ff. Mullen, M.D. (*Resdy. Surg. in Meywar.*) (*Offg.*)	750 0 0	Civil Surgeon.
		150 0 0	Superintendent of Jail.
		50 0 0	Fees from Government College.
		50 0 0	Fees from Mayo College.
		100 0 0	Medical Officer, Merwara Battalion.
		250 0 0	Allowance from Rajputana-Malwa Railway.
		1,350 0 0	

Medical appointments—*concluded.*

III.—Charges held conjointly with Military Charges.

Station.	Names.	Salaries and allowances.	Remarks.
Central India.		*R a. p.*	
Gwalior Residency .	Surgeon-Major A. M Crofts.	.....	Performs the duties, in addition to his own, as Medical Officer to His Highness the Maharaja Sindhia of Gwalior without remuneration.
Sehore (Bhopal Agency and Battalion).	**Surgeon-Major A. H. C. Dane, M.D. (Bo.)*	*100 0 0	In addition to Military pay.
Goona (Goona Agency and 2nd Regiment, Central India Horse).	Surgeon C. G. W. Lowdell (Bo.)	.....	Officiating Agency Surgeon, Bhopawar.
	Surgeon G. B. Irvin .	30 0 0	In addition to Military pay.
Agar (Western Malwa Agency and 1st Regiment, Central India Horse).	*Surgeon-Major R. Caldecott (Bo.)*	.....	*Leave out of India, p. a., to the 30th March 1890.*
	Surgeon C. C. Manifold. (*Offg.*)	100 0 0	In addition to Military pay.
Bundelkhand Agency (Nowgong) and 1st Bengal Infantry.	Surgeon E. Cretin .	100 0 0	In addition to Military pay.
Sirdarpore (Bhopawar Agency, and Malwa Bheel Corps).	† Surgeon-Major J. Duke.	.....	Officiating Residency Surgeon, Kashmir.
	Surgeon C. G. W. Lowdell.	†100 0 0	In addition to Military pay.
Rajputana.			
Harowtee and Tonk Agency, and Deoli Irregular Force.	*Surgeon H. N. V Harington. (M.)*	100 0 0	In addition to Military pay.
Baroda.			
Baroda	Surgeon G. E. Fooks (*Medl. Offr., 5th Regt., Bo. Light Infy.*).	100 0 0	In addition to Military pay.

* Draws also—
R125 0 0 from Indian Midland Railway.
„ 70 0 0 Superintendent, Victoria Hospital.
„ 80 0 0 Superintendent of Vaccination.

† Draws also—
R150 0 0 for superintendence of Dispensaries } contributed by States concerned
„200 0 0 annual travelling allowance } and Local Funds
„ 30 0 0 on account of the Amjhera State, from the Dharmsala Fund.
„ 20 0 0 for a clerk, from the Indore Road Fund.

List of Civil Officers holding gazetted appointments under the Government of India in the Revenue and Agricultural Department, as it stood on the 1st January 1890.

Classified List of Officers of the Senior Division, Survey of

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of appointment to the present grade or post.	* Period of service counting towards pension on 1st January 1890.
					Y. M. D.			Y. M. D.
		Administrative Staff.						
1	1	Col. H. R. Thuillier, R.E.	G. T. S.	P. H.	51 9 5	May 21, 1859	Feb. 19, 1887	. . .
1	1	*Col. J. Sconce, S.C.*	Rev.	P. H.	53 8 29	Oct. 21, 1859	Jan. 1, 1879	. . .
1	1	Lt.-Col. G. Strahan, R.E.	Topogl.	P. H.	50 10.24	July 2, 1862	Oct. 12, 1889	. .
		Lt.-Col. C. Strahan, R.E.	. . . .	. . . .	. . .	. . . . .	Oct. 26, 1889	. . .
	1	Col. J. Waterhouse, S.C.	. . . .	. . . .	. . .	. . . . .	Apl. 1, 1874	. . .
	2	Lt.-Col. M. W. Rogers, R.E.	. . . .	. . . .	. . .	. . . . .	May 7, 1889	. . .
	3	Major St. G. C. Gore, R.E.	. . . .	. . . .	. . .	. . . . .	Oct. 26, 1889	. . .
		SENIOR DIVISION.						
		Deputy Superintendents.						
3		1st Grade.						
		Salary R1,600.						
	1	*Colonel D. Macdonald, S.C.*	Rev.	P. H.	54 0 21	Dec. 19, 1860	Jan. 1, 1887	. . .
	2	Lt.-Col. C. Strahan, R.E.	Topogl.	Not passed	46 7 25	Sep. 26, 1863	Apl. 26, 1889	. . .
	3	*Colonel W. Barron, S.C.*	Rev.	P. H.	51 11 15	June 27, 1862	Oct. 12, 1889A	. . .
8		2nd Grade.						
		Salary R1,300.						
	1	Col. H. C. B. Tanner, Bombay S.C.	Rev.	P. H.	54 6 1	Oct. 10, 1862	Oct. 1, 1884	. . .
	2	Col. A. Pullan, S.C.	G. T. S.	P. H.	53 9 0	Jan. 18, 1863	Nov. 28, 1884	. . .
	3	Col. W. H. Wilkins, S.C.	Rev.	P. H.	48 2 26	April 27, 1863	Jan. 1, 1887	. . .
	4	Lt.-Col. J. E. Sandeman, S.C.	Rev.	P. H.	46 3 29	Oct. 6, 1864	Feb. 19, 1887	. . .
	5	Bt. Lt.-Col. T. H. Holdich, R.E.	Topogl.	L. S.	46 10 16	July 23, 1866	March 26, 1889	. . .
	6	Col. J. Waterhouse, S.C.	Topogl.	P. H.	47 5 8	July 23, 1866	Apl. 26, 1889	. . .
	7	Lt.-Col. M. W. Rogers, R.E.	G. T. S.	L. S.	47 10 26	July 30, 1866	June 28, 1889	. . .
	8	Vacant	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.

India Department, as it stood on 1st January 1890.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
	R a. p.			
1	3,000 0 0	. . . . .	Surveyor General of India.	
1	. . . .	. . . . .	On furlough	For 1 year and 153 days, from 1st November 1889.
1	2,000 0 0	. . . . .	Deputy Surveyor General in charge, Trigonometrical Branch, Dehra Dun.	
	2,040 0 0	. . . . .	Offg. Deputy Surveyor General in charge, Revenue Branch.	
1	1,300 0 0	(a) Special local R200	Assistant Surveyor General .	In charge, Lithographic and Photographic Offices, Head Quarters, Calcutta.
2	1,543 8 0	(b) Presidency, R60	Assistant Surveyor General .	In charge Correspondence and Mathematical Instrument Offices, Head Quarters, Calcutta.
3	1,182 10 0	(b) Presidency, R60	Assistant Surveyor General .	Officiating Deputy Superintendent, 3rd grade, in charge Engraving, Cartographic and Map Record and Issue Offices, Head Quarters, Calcutta.
1	. . . .	. . . . .	On furlough	For 1 year and 15 days, from 1st December 1889.
2	. . . .	. . . . .	Offg. Deputy Surveyor General in charge, Revenue Branch.	
3	. . . .	. . . . .	On furlough	For 1 year 275 days, from 20th February 1889. (A) Substantive *pro tempore*.
1	1,600 0 0	. . . . .	In charge No. 18 (Himalaya) .	Officiating Deputy Superintendent, 1st Grade.
2	1,600 0 0	. . . . .	In charge No. 17 (Bombay Forests).	Officiating Deputy Superintendent, 1st grade.
3	1,600 0 0	. . . . .	In charge No. 4 (Western Dooars)	Officiating Deputy Superintendent, 1st grade.
4	1,300 0 0	. . . . .	In charge No. 5 (Jhansi) . .	
5	1,482 10 0	. . . . .	In charge No. 15 (Baluchistan).	
6	. . . .	. . . . .	Head Quarters, Calcutta . .	Assistant Surveyor General
7	. . . .	. . . . .	Head Quarters, Calcutta . .	Assistant Surveyor General.
8	. . . .	. . . . .	. . . . .	

(a) Department of Agriculture, Revenue and Commerce Memorandum No. 731, dated 31st October 1873.
(b) Ditto ditto ditto ditto ditto No. 213, dated 11th May 1878.

Classified List of Officers of the Senior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1890.
					Y. M. D.			Y. M. D.
		SENIOR DIVISION —*contd.*						
		Deputy Superintendents—*contd.*						
		3RD GRADE.						
10		*Salary R1,000.*						
	1	*Lt.-Col. J. Hill*, R.E.	G. T. S.	Not passed	49 0 7	Dec. 18, 1866	Oct. 1, 1884	. . .
	2	W. H. Cole, M.A.	G. T. S.	H. S.	52 0 16	Jan. 3, 1867A; Sep. 1, 1867B	Nov. 28, 1884	21 6 8
	3	Lt.-Col. J. R. McCullagh, R.E.	G. T. S.	L. S.	47 9 5	Feb. 12, 1869	Jan. 1, 1887	. . .
	4	Col. J. R. Wilmer, S.C.	Topogl.	H S.	48 11 12	Aug. 24, 1869	Feb. 19, 1887	. . .
	5	*Col. S. H. Cowan*, S.C.	Rev.	P. H.	48 3 16	Jan. 19, 1867	July 17, 1888	. . .
	6	Lt.-Col. E. H. Steel, S.C.	Rev.	H. S.	48 7 26	Feb. 1, 1867	Mar. 26, 1889	. . .
	7	Col. H. S. Hutchinson, S.C.	Rev.	P. H.	49 8 20	Aug. 13, 1867	Apl. 26, 1889	. . .
	8	E. C. Barrett	Rev.	H. S.	45 8 16	Dec. 30, 1868	May 5, 1889	25 0 11
	9	Lt.-Col. R. Beavan, S.C.	Rev.	P. H.	46 3 11	July 17, 1868	June 28, 1889	. . .
	10	G. H. Cooke	Rev.	L. S.	45 1 1	Apl. 1, 1870	Aug. 12, 1889	21 0 15
		4TH GRADE.						
11		*Salary R850.*						
	1	E. J. Jackson	Rev.	H. S.	45 1 26	Nov. 5, 1868	Oct. 26, 1885	19 9 7
	2	Major St. G. C. Gore, R.E.	G. T. S.	Not passed	40 10 8	Apl. 11, 1873	Mar. 10, 1886	. . .
	3	Major J. R. Hobday, S.C.	Topogl.	H. S. and Colloquial Burmese.	39 5 16	Sep. 11, 1874	Jan. 1, 1887	. .
	4	*Capt. F. B. Longe*, R.E.	†	Not passed	33 2 2	Mar. 15, 1880	Apl. 11, 1888	. . .
	5	*Capt. R. A. Wahab*, R.E.	†	H. S.	34 8 18	Jan. 8, 1883	July 17, 1888	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the department after the amalgamation on the 1st January 1878.

Department, as it stood on 1st January 1890—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
	R a. p.			
1	. . . .	. . . . .	On furlough	For 1 year and 5 months, from 18th May 1888. Extension for 2 months. Further extension for 5 months.
2	1,300 0 0	. . . . .	In charge Computing . .	Officiating Deputy Superintendent, 2nd Grade. (A) Appointed on probation. Exclusive of service as Professor of Mathematics, Government College, Agra, from 14th April 1862 to end of February 1864. (B) Brought on the strength of the Department.
3	1,543 8 0	. . . . .	In charge, No. 19 (Madras) .	Officiating Deputy Superintendent, 2nd Grade.
4	1,300 0 0	. . . . .	In charge No. 14 (Hoshangabad)	Ditto ditto ditto.
5	. . . .	. . . . .	On furlough	For 1 year and 163 days from 29th October 1889.
6	1,300 0 0	. . . . .	In charge No. 2 (Eastern Bengal.)	Officiating Deputy Superintendent, 2nd Grade.
7	1,100 0 0	(a) Inclusive of personal, R100.	In charge No. 10 (Bombay).	
8	1,000 0 0	. . . . .	In charge No. 6 (Assam) .	Joined the Junior Division, 18th November 1862. Sick leave for 1 month from 20th June 1869. Furlough from 27th August 1880 to 12th July 1882.
9	1,100 0 0	(a) Inclusive of personal, R100.	In charge No. 20 (Burma).	
10	1,000 0 0	. . . . .	In charge No. 9 (Chanda) .	Joined the Junior Division, 6th December 1866. Furlough for 2 years, from 22nd May 1880; extension for 12 days without pay.
1	1,000 0 0	. . . . .	In charge No. 12 (Lower Burma)	Officiating Deputy Superintendent, 3rd Grade. Joined the Junior Division, 26th September 1864. Sick leave from 4th July to 3rd August and from 19th August to 30th November 1867. Europe, medical certificate, from 23rd July 1871 to 10th November 1872. Furlough to Europe from 1st May 1880 to 3rd December 1881, and from 12th November 1885 to 23rd October 1886.
2	. . . .	. . . . .	Head Quarters, Calcutta . .	Officiating Deputy Superintendent, 3rd Grade, and Officiating Assistant Surveyor General.
3	1,000 0 0	(b) Upper Burma, R100.	In charge No. 21 (Upper Burma I.)	Officiating Deputy Superintendent, 3rd Grade.
4	. . . .	. . . . .	On furlough	For 18 months, from 16th November 1888.
5	. . . .	. . . . .	On furlough	For 12 months from 1st December 1889.

(a) Department of Revenue and Agriculture, No. 393 S., dated 15th September 1882.
(b) Department of Finance and Commerce, No. 756, dated 11th February 1889.

Classified List of Officers of the Senior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	* Period of service counting towards pension on 1st January 1890.
		SENIOR DIVISION *—contd.*			Y. M. D.			Y. M. D.
		Deputy Superintendents—*concld.*						
11		4TH GRADE—*concld.*						
	6	W. H. Patterson . . .	Rev.	L. S.	51 3 6	Jan. 22, 1883	Feb. 15, 1889	27 11 15
	7	F. W. Kelly	Rev.	H. S.	56 4 5	Feb. 22, 1883	Mar. 26, 1889	34 0 5A
	8	Capt. H. M. Jackson, R.E. . .	†	H. S.	31 9 5	June 11, 1883	Apl. 26, 1889	. . .
	9	,, *G. B. Hodgson*, S.C. .	†	H. S.	31 2 4	Sep. 12, 1883	May 5, 1889	. . .
	10	,, S. G. Burrard, R.E. .	†	L. S.	29 4 19	Sep. 2, 1884	June 28, 1889	. . .
	11	A. D'Souza	G. T. S.	Not passed	52 4 20	Oct. 1, 1884	Aug. 12, 1889	29 1 15B
		Assistant Superintendents.						
1		1ST GRADE. *Salary R600.*						
	1	E. C. Ryall	G. T. S.	Not passed	51 11 15	Apl. 1, 1873	Feb. 1, 1883	34 7 10
	2	G. B. Scott	Rev.	H. S.	45 5 1	Nov. 10, 1884	Feb. 19, 1887	26 8 0
	3	J. Eccles, M.A. . . .	†	Not passed	32 3 23	May 30, 1885	Apl. 11, 1888	4 7 2
	4	*Lieut. J. M. Fleming, S.C.* .	†	H. S.	31 4 19	July 3, 1885	July 17, 1888	. . .
	5	T. Archdale Pope . . .	†	Telegu, Tamil.	31 6 10	Oct. 1, 1886	Feb. 15, 1889	2 9 0C
	6	Lieut. T. F. B. Renny-Tailyour, R.E.	†	. . . .	26 6 23	Mar. 23, 1888	Mar. 26, 1889	. . .
	7	Lieut. R. J. H. L. Mackenzie, R.E.	†	. . . .	25 8 16	Mar. 23, 1888	Mar. 27, 1889	. . .
	8	F. Grant	Rev.	. . . .	53 9 6	May 16, 1889	June 28, 1889	33 5 21
	9	*Vacant.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	10	*Do.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	11	*Do.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
6		2ND GRADE. *Salary R500.*						
	1	Lieut. W. J. Bythell, R.E. .	†	. . . .	. . .	May 29, 1889	May 29, 1889	. . .
	2	Lt. G. P. Lenox-Conyngham, R.E.	†	. . . .	23 4 9	July 16, 1889	July 16, 1889	. . .
	3	Lt. C. F. Close, R.E. . .	†	. . . .	. . .	Dec. 3, 1889	Dec. 3, 1889	. . .
	4	C. Wood	G. T. S.	L. S.	47 5 10	May 6, 1858	Dec. 3, 1889	31 5 10
	5	Lt. R. T. Crichton, S.C. . .	†	. . . .	24 9 25	Dec. 16, 1889	Dec. 16, 1889	. . .
	6	*Vacant.*	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on the 1st January 1878.

Department, as it stood on 1st January 1890—concluded.

No. existing in each grade.	Consolidated Salary.			Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R	a.	p.			
6	1,000	0	0	. . . . .	In charge No. 8 (Orissa) . .	Officiating Deputy Superintendent, 3rd Grade. Joined the Junior Division, 1st December 1851. Leave on private affairs from 1st May to 31st August 1862. Ditto to Europe from 20th July 1872 to 18th January 1873, and from 11th July 1879 to 2nd January 1880.
7	1,000	0	0	. . . . .	In charge No. 7 (Thongwa) .	Officiating Deputy Superintendent, 3rd Grade. Joined the Junior Division, 4th December 1854. (A) Service reckoned under old rules. Special leave for 4 months from 21st January 1858, which was overstayed from 21st May to 16th August 1858. Commencement of second service, 17th August 1858. Medical leave from 13th November 1886 to 9th May 1887. Extension of 1 year's service from 27th August 1888. Further extension for 1 year.
8	1,140	0	0	(a) Upper Burma, R100.	Shan-Siam Boundary Commission Survey Detachment . .	Officiating Deputy Superintendent, 3rd Grade. For 2 years from 4th March 1889.
9	. . . .			. . . . .	On furlough	
10	990	0	0	. . . . .	In charge No. 22 (Astronomical I)	
11	850	0	0	(b) Burma, R100 .	In charge No. 13 (Mergui) .	Joined the Junior Division, 19th February 1856. (B) Exclusive of 349 days' furlough, 77 days' leave on medical certificate, and 33 days' preparatory leave under new rules.
1	600	0	0	. . . . .	Computing	Joined the Junior Division, 25th April 1855. Two hundred and twenty-five days' sick leave included under old rules. Sick leave for 26 days, from 10th December 1883, excluded.
2	800	0	0	(a) Upper Burma, R150.	In charge No. 3 (Kyaukse) .	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 1st May 1863.
3	800	0	0	(a) Upper Burma, R100.	In charge No. 24 (Upper Burma)	Officiating Deputy Superintendent, 4th Grade.
4	. . . .			. . . . .	On furlough	For 18 months, from 9th January 1890.
5	800	0	0	(c) Presidency, R60	Head Quarters, Calcutta . .	Officiating Deputy Superintendent, 4th Grade (C) Excludes previous service under Madras Government.
6	870	0	0	(a) Upper Burma, R100.	Chin Lushai Expedition Survey Detachment, Burma Column.	Officiating Deputy Superintendent, 4th Grade. Joined appointment 1st April 1888.
7	870	0	0	(b) Baluchistan, R100	No. 15 (Baluchistan). . .	Officiating Deputy Superintendent, 4th Grade. Joined appointment 26th March 1888.
8	800	0	0	. . . . .	No. 2 (Eastern Bengal) . .	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 11th July 1856.
9	. . . .			. . . . .	. . . . .	
10	. . . .			. . . . .	. . . . .	
11	. . . .			. . . . .	. . . . .	
1	570	0	0	. . . . .	Chin Lushai Expedition Survey Detachment, Chittagong Column	Joined appointment 29th May 1889.
2	570	0	0	. . . . .	In charge No. 23 (Astronomical II)	Do. do. 16th July 1889.
3	570	0	0	(a) Upper Burma, R100	In charge No. 11 (Upper Burma II).	Do. do. 3rd December 1889.
4	500	0	0	(d) Deputation R100. (e) Charge allowance R100.	In charge No. 25 (Tidal and Levelling).	Do. do. do.
5	500	0	0	. . . . .	No. 5 (Jhansi) . . .	Do. do. 16th December 1889.
6	. . . .			. . . . .	. . . . .	

(a) Department of Finance and Commerce No. 756, dated 11th February 1889.
(b) Department of Finance and Commerce No 5826, dated 25th October 1888.
(c) Department of Agriculture, Revenue, and Commerce Memorandum No. 213, dated 14th May 1878.
(d) Department of Revenue and Agriculture No. 519-91-4, dated 18th September 1884.
(e) Department of Agriculture, Revenue and Commerce Memorandum No. 731, dated 31st October 1873.

Classified List of Officers of the Junior Division, Survey of

No. sanctioned.	No. existing in each grade	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1890.
					Y. M. D.			Y. M. D.
		JUNIOR DIVISION.						
		Surveyors.						
8		1st Grade. *Salary R500.*						
		G. A. McGill . . .	Topogl.	L. S.	51 8 7	Apl. 8, 1855	Mar. 7, 1882	34 8 3
	1	D. Atkinson	Topogl.	. . . .	52 7 24	Aug. 4, 1856	Jan. 22, 1883	33 4 28
	2	H. E. T. Keelan . . .	G. T. S.	. . . .	46 9 1	Aug. 17, 1858	Oct. 29, 1883	22 9 7
	3	A. J. Wilson	Topogl.	L. S.	47 4 0	Oct. 1, 1860	June 2, 1884	29 6 0
	4	G. W. E. Atkinson . .	G. T. S.	. . . .	46 2 20	Aug. 1, 1859	Nov. 10, 1884	30 2 20
	5	S. M. Smylie	Rev.	L. S.	49 1 7	July 24, 1860	June 27, 1886	26 9 3
	6	J. S. Pemberton . . .	Rev.	L. S.	46 5 23	Oct. 6, 1860	Nov. 24, 1887	29 2 21
	7	H. E. Littlewood . . .	Rev.	L. S. Burmese	46 1 25	Oct. 6, 1860	May 16, 1889	29 2 26
	8	W. Todd	G. T. S.	. . . .	51 1 21	Jan. 11, 1856	Dec. 3, 1889	31 10 23B
11/10		2nd Grade. *Salary R400.*						
	1	*W. A. Wilson* . . .	Rev.	L. S.	46 7 12	Jan. 1, 1861	Nov. 1, 1883	28 2 23
	2	A. M. Lawson . . .	Rev.	L. S.	50 11 29	Nov. 18, 1862	June 2, 1884	27 1 13
	3	A. J. Gibson	Rev.	. . . .	48 1 0	May 1, 1861	Mar. 1, 1885	28 7 27
	4	M. J. Ogle	Topogl.	. . . .	47 9 27	July 1, 1863	Nov. 15, 1885	24 9 27
	5	W. S. Buttress . . .	Rev.	. . . .	45 10 12	Sep. 1, 1860	July 1, 1886	29 4 0
	6	F. Adams	Topogl.	. . . .	53 8 6	Oct. 1, 1860	Apl. 1, 1883	33 1 27C
	7	A. G. Wyatt . . .	Topogl.	. . . .	44 10 6	Nov. 1, 1861	Nov. 24, 1888	27 2 6
	8	H. W. Peychers . . .	G. T. S.	. . . .	47 0 18	April 8, 1862	May 13, 1889	27 8 23
	9	G. Belcham	G. T. S.	H. S.	44 10 15	Nov. 1, 1862	May 16, 1889	27 2 0
	10	H. Dowman	Rev.	. . . .	43 6 20	Oct. 16, 1862	Sep. 19, 1889	27 2 1
	11	E. G. Little	Rev.	. . . .	44 2 19	Jan. 1, 1860	Dec. 3, 1889	22 2 19D

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India Department, as it stood on 1st January 1890.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
	R a. p.			
..	600 0 0	. . . .	Chief Draftsman, Head Quarters, Calcutta.	Sick leave from 1st November 1871 to 28th February 1872. Service reckoned under old rules.
1	500 0 0	(a) Presidency house-rent, R45.	Calcutta Detachment . .	Service reckoned under old rules.
2	500 0 0	(b) Burma, R50 . .	No. 13 (Mergui) . . .	On furlough from 12th May 1888 to 5th May 1889. (A) Exclusive of 11 months and 13 days' furlough and 18 days' sick leave under new rules.
3	500 0 0	(c) Upper Burma, R80.	No. 11 (Upper Burma II) .	Apprentice Draftsman from 1st January 1860.
4	500 0 0	(d) Dehra Office, R50 .	Drawing Office, Dehra Dun .	Service reckoned under old rules.
5	500 0 0	(e) Presidency house-rent R45.	Head Draftsman, Head Quarters, Calcutta.	Furlough from 8th November 1882 to 11th March 1883.
6	500 0 0	(f) Charge R100 . .	In charge No. 1 (Punjab) .	Overstayed privilege leave by 5 days in June 1869.
7	500 0 0	(b) Burma, R75 . .	No. 7 (Thongwa).	
8	500 0 0	. . . .	No. 10 (Bombay) . . .	(B) Inclusive of 2 years, which count as service out of 4 years 28 days' leave on medical certificate under old rules.
1	. . .	. . . .	On furlough	For one year from 24th March 1889.
2	400 0 0	. . . .	No. 17 (Bombay Forests).	
3	400 0 0	(b) Burma, R50 . .	No. 13 (Mergui) . .	Absent without leave for 3 days in January 1866
4	400 0 0	(c) Upper Burma, R80.	Shan-Siam Boundary Commission Survey Detachment.	Furlough to Europe for 1 year, from 21st November 1877 to 20th November 1878.
5	400 0 0	(b) Burma, R50 . .	No. 12 Lower Burma . .	Copyist from 1st to 30th September 1860.
6	400 0 0	(a) Presidency house-rent, R30.	Head Quarters, Calcutta . .	(C) Inclusive of service as Sub-Surveyor, from 3rd November 1856 to 30th September 1860.
7	400 0 0	(c) Upper Burma, R80.	No. 11 (Upper Burma II) .	Furlough from 11th November 1883 to 6th November 1884.
8	400 0 0	(d) Dehra Office, R50 .	Computing, Dehra Dun . .	Service reckoned under old rules.
9	400 0 0	(g) Deputation R50	No 25 (Tidal and Levelling) .	Ditto ditto.
10	400 0 0	. . . .	No. 9 (Chanda) . . .	Absent without leave 3 days, sick leave 2 days in October 1865, 4 days in December 1865 and from 11th to 16th December 1866.
11	400 0 0	(c) Upper Burma, R80.	No. 3 (Kyaukse) . . .	Apprentice from 1st January 1860 to 4th November 1862. (D) Exclusive of 7 years 9 months 11 days' service under 22 years of age.

(a) Financial Resolution No. 704, dated 22nd February 1866.
(b) Department of Finance and Commerce, No. 5826, dated 25th October 1888.
(c) Department of Finance and Commerce, No. 756, dated 11th February 1889.
(d) Financial Resolution No. 3996, dated 22nd December 1864, and No. 2579, dated 30th November 1871.
(e) Secretary of State's Despatch No. 13, dated 28th February 1889.
(f) Department of Agriculture, Revenue and Commerce Memorandum No. 731, dated 31st October 1873.
(g) Surveyor General's No. 953 S—8, dated 29th September 1885.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1890.
					Y. M. D.			Y. M. D.
		JUNIOR DIVISION —*contd.*						
		Surveyors—*contd.*						
		3RD GRADE. *Salary R350.*						
	1	H. T. Hanby	Rev.	L. S.	43 2 12	Nov. 13, 1862	Oct. 29, 1883	27 1 18
	2	L. J. Pocock	G. T. S.	H. S.	46 3 5	July 10, 1863	Nov. 1, 1883	24 0 7A
	3	A. Christie	G. T. S.	H. S.	44 3 1	Aug. 7, 1863	June 2, 1884	21 9 4
	4	W. J. O'Sullivan . . .	G. T. S.	. . . .	45 10 17	Oct. 1, 1863	Oct. 1, 1884	23 10 17
	5	N. C. Gwynne . . .	G. T. S.	. . . .	46 9 25	Oct. 19, 1863	March 1, 1885	24 9 25
	6	W. C. Price	G. T. S.	. . . .	43 6 8	Nov. 1, 1863	Nov. 15, 1885	21 6 8
	7	C. H. McA'Fee . . .	G. T. S.	L. S.	40 1 15	Sep. 6, 1864	July 1, 1886	18 0 15
	8	C. F. Hamer	Topogl.	. . . .	43 4 24	Aug. 3, 1863	Aug. 29, 1888	21 2 24
	9	J. H. O'Donel . . .	Rev.	. . . .	44 5 20	Oct. 1, 1863	Nov. 24, 1888	22 5 20
	10	T. E. M. Claudius . . .	Topogl.	. . . .	43 7 0	Aug. 1, 1863	May 13, 1889	21 7 0
	11	W. Stotesbury . . .	Topogl.	H. S. L. S. Canarese.	42 5 6	Oct. 4, 1864	May 16, 1889	20 5 6
	12	T. H. Rendell . . .	G. T. S.	. . . .	45 5 9	Oct. 11, 1864	May 16, 1889	23 5 9
	13	R. B. Smart	Rev.	L. S.	42 6 2	Jan. 1, 1864	Aug. 14, 1889	20 6 2
	14	F. Kitchen	Topogl.	. . . .	43 9 7	Oct. 1, 1864	Dec. 3, 1889	21 7 7B
18		4TH GRADE. *Salary R300.*						
	1	A. J. James	Topogl.	L. S.	43 1 12	June 15, 1864	Nov. 22, 1880	21 1 12
	2	*D. A. King*	Rev.	. . . .	43 1 26	Apl. 12, 1864	Apl. 1, 1883	19 1 14
	3	Hugh Todd	G. T. S.	. . . .	42 4 15	July 15, 1865	Oct. 6, 1883	20 3 16C
	4	E. J. Connor	G. T. S.	L. S.	41 4 15	Mar. 1, 1865	Nov. 1, 1883	18 10 10D

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Department, as it stood on 1st January 1890—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
	R a. p.			
1	350 0 0	(a) Settlement, R50 .	No. 4 (Western Dooars).	
2	350 0 0	. . . .	Computing, Dehra Dun . .	(A) Exclusive of 89 days' sick leave.
3	350 0 0	. . . .	No. 14 (Hoshangabad) . .	Furlough from 18th November 1886 to 15th May 1887.
4	350 0 0	(a) Settlement, R50 .	No. 2 (Eastern Bengal).	
5	350 0 0	. . . .	Drawing Office, Dehra Dun.	
6	350 0 0	(b) Upper Burma, R80	No. 3 (Kyaukse).	
7	350 0 0	. . . .	Drawing Office, Dehra Dun .	Sick leave for 1 month, from 30th December 1882. Passed the Poona C. E. College Examination in 1864.
8	350 0 0	. . . .	No. 19 (Madras).	
9	350 0 0	(c) Assam, R50 . . (a) Settlement, R50 .	No. 6 (Assam).	
10	350 0 0	(d) Baluchistan, R80 .	No. 15 (Baluchistan).	
11	400 0 0	. . . .	Chin-Lushai Expedition Survey Detachment. Chittagong Column.	
12	350 0 0	(b) Upper Burma, R80.	No. 24 (Upper Burma.)	
13	350 0 0	(a) Settlement, R50 .	No. 8 (Orissa)	Apprentice from 1st January to 31st December 1864.
14	350 0 0	(b) Upper Burma, R80 .	No. 11 (Upper Burma II) .	(B) Exclusive of 2 months' sick leave.
1	300 0 0	(e) Presidency house-rent, R30.	Head Quarters, Calcutta.	
2	.....	. . . .	On medical leave . . .	For 1 year from 20th December 1887. Extension for 9 months and 23 days. Further extension for 2 months and 7 days and for 323 days without pay Apprentice from 12th April to 30th June 1864.
3	300 0 0	. . . .	No. 19 (Madras) . . .	(C) Exclusive of 30 days' sick leave.
	300 0 0	. . . .	No. 25 (Tidal and Levelling) .	(D) Exclusive of 6 months and 5 days' leave on private affairs under new rules.

(a) Secretary of State's Despatch No. 75 (Revenue), dated 15th August 1889.
(b) Department of Finance and Commerce No. 756, dated 11th February 1889.
(c) Department of Revenue and Agriculture No. 278., dated 18th January 1884.
(d) Department of Finance and Commerce No. 5826, dated 25th October 1888.
(e) Financial Resolution No. 704, dated 22nd February 1866.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1890.
					Y. M. D.			Y. M. D.
		JUNIOR DIVISION —*contd.*						
		Surveyors—*concld.*						
		4TH GRADE—*concld.*						
		Salary R300—concld.						
	5	J. Connor	Rev.	. . . .	42 3 24	Feb. 15, 1865	June 2, 1884	20 3 24
	...	*T. H. Dunne*	Rev.	L. S.	40 0 7	Feb. 15, 1865	Sep. 1, 1884	17 11 26
	6	J. Bond	G. T. S.	. . . .	39 11 24	Oct. 18, 1866	Oct. 1, 1884	17 11 4A
	7	C. D. Potter	G. T. S.	L. S.	44 3 27	Oct. 29, 1866	Nov. 10, 1884	22 2 24B
	8	J. Newland	Rev.	L. S.	52 4 26	Oct. 22, 1863	Mar. 1, 1885	26 2 10
	9	C. Tapsell	Topogl.	L. S.	45 1 17	Aug. 2, 1864	July 1, 1886	23 1 17
	10	J. A. Barker	Topogl.	. . . .	43 8 18	Sep. 1, 1865	Aug. 1, 1886	21 8 18
	11	E. A. Wainright . . .	Topogl.	. . . .	41 6 23	May 1, 1866	Nov. 24, 1887	19 6 23
	12	R. C. D. Ewing . . .	Rev.	H. S.	41 6 20	June 9, 1866	Aug. 29, 1888	17 5 25
	13	W. J. Cornelius . . .	Topogl.	L. S.	40 9 1	Aug. 15, 1866	Nov. 24, 1888	18 9 1
	14	G. W. Jarbo	Rev.	L. S.	42 3 15	Nov. 1, 1866	Dec. 3, 1888	20 3 0
	15	P. J. W. Doran . . .	Topogl.	L. S.	40 7 27	Feb. 1, 1867	May 13, 1889	17 11 3
	16	J. R. Scott	Rev.	L. S.	40 9 27	Jan. 19, 1867	May 13, 1889	18 9 27
	17	J. McHatton	Rev.	L. S.	40 5 14	July 1, 1867	May 16, 1889	17 5 14
	18	H. T. Kitchen . . .	Topogl.	. . . .	41 6 23	Nov. 1, 1867	Aug. 14, 1889	19 6 23
41		**Assistant Surveyors.**						
		1ST GRADE.						
		Salary R200 rising to R250.						
	1	J. Hickie	G. T. S.	L. S.	40 11 17	Apl. 29, 1868	Apl. 1, 1881	18 5 17
	2	S. O. Madras	Rev.	. . . .	39 4 16	July 6, 1868	Apl. 1, 1881	17 4 16
	3	G. D. Cusson	G. T. S.	L. S.	43 3 7	May 8, 1868	Apl. 1, 1881	20 3 7C
	4	T. F. Freeman . . .	Rev.	L. S.	38 9 27	Sep. 9, 1868	Apl. 1, 1881	14 2 27
	...	*G. C. Swiney*	Rev.	. . . .	40 6 4	Sep. 17, 1868	Apl. 1, 1881	18 6 4
	5	J. S. Swiney	Rev.	. . . .	39 0 12	Jan. 5, 1869	Apl. 1, 1881	17 0 12
	6	C. P. Torrens	G. T. S.	. . . .	38 0 12	Dec. 12, 1868	Apl. 1, 1881	16 0 10D
	7	W. Robert	Topogl.	. . . .	39 4 2	Aug. 21, 1869	Apl. 1, 1881	17 4 2
	8	T. Shaw	Rev.	L. S	37 1 15	Apl. 21, 1869	Apl. 1, 1881	15 1 15

* Applies only to officers who are under the Uncovenanted Service Rules.

Department, as it stood on 1st January 1890—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
	R a. p.			
5	300 0 0	(a) Burma, R50 . .	No. 12 (Lower Burma.)	
...	. . . .	. . . .	On deputation, Central Provinces.	Absent without leave 1 day, and sick leave for 10 days in October 1865.
6	300 0 0	. . . .	No. 25 (Tidal and Levelling) .	(A) Exclusive of 20 days' sick leave.
7	300 0 0	. . . .	No. 18 (Himalaya) . . .	(B) Exclusive of 33 days' sick leave.
8	300 0 0	(a) Burma, R50 . .	No. 12 (Lower Burma)	
9	300 0 0	. . . .	No. 10 (Bombay).	
10	300 0 0	(a) Burma, R75 . .	No. 20 (Burma).	
11	300 0 0	(a) Baluchistan, R80 .	No. 15 (Baluchistan.)	
12	300 0 0	(b) Settlement, R50 .	No. 8 (Orissa)	Furlough from 17th September 1885 to 11th September 1887.
13	300 0 0	. . . .	Drawing Office, Dehra Dun.	
14	300 0 0	(a) Burma, R75 . .	No. 7 (Thongwa) . . .	Sick leave for 15 days, from 26th May to 9th June 1869.
15	300 0 0	. . . .	Shan-Siam Boundary Commission Survey Detachment.	
16	. . . .	. . . .	On deputation, Central Provinces.	
17	300 0 0	(b) Settlement R50 .	No. 2 (Eastern Bengal) . .	Furlough for 1 year, from 1st January to 31st December 1879.
18	300 0 0	(c) Upper Burma, R80 .	No. 21 (Upper Burma I.)	
1	300 0 0	(c) Upper Burma, R80.	No. 24 (Upper Burma) . .	Exclusive of 6 months' sick leave. Officiating Surveyor, 4th Grade.
2	300 0 0	(d) Presidency house-rent, R30.	Head Quarters, Calcutta . .	Officiating Surveyor, 4th Grade.
3	250 0 0	(d) Ditto R20 .	Ditto	(C) Exclusive of furlough for 364 days, from 1st November 1879 to 30th October 1880.
4	250 0 0	(b) Settlement, R50 .	No. 5 (Jhansi) . . .	Sick leave for 2 years, from 1st May 1880; extension for 9 months without pay up to 31st January 1883.
...	. . . .	. . . .	On deputation, Central Provinces.	
5	250 0 0	(a) Burma, R75 . .	No. 7 (Thongwa).	
6	. . . .	. . . .	On deputation, Settlement Department, Burma.	(D) Exclusive of 2 days' overstayed privilege leave.
7	250 0 0	. . . .	No. 18 (Himalaya).	
8	250 0 0	(e) Charge, R50 . .	In charge, Burdwan Raj Detachment.	

(a) Department of Finance and Commerce, No. 5826, dated 25th October 1888.
(b) Secretary of State's Despatch No. 75 (Revenue), dated 15th August 1889.
(c) Department of Finance and Commerce, No. 756, dated 11th February 1889.
(d) Financial Resolution No. 704, dated 22nd February 1866.
(e) Surveyor General's No. 2777S., dated 31st October 1889.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1890.
		JUNIOR DIVISION —*contd.*			Y. M. D.			Y. M. D.
		Assistant Surveyors —*contd.*						
		1st Grade—*contd.* *Salary R900 rising to R250*—contd.						
	9	C. W. Wilson	Rev.	L. S.	44 1 22	June 21, 1867A	Apl. 1, 1881	21 8 22
	10	E. J. Martin	Rev.	. . . .	38 11 13	Sep. 16, 1867	Apl. 1, 1881	15 9 13
	11	C. W. F. Seyers . . .	Rev.	. . . .	43 6 0	Dec. 1, 1864	June 7, 1881	20 10 23
	12	W. H. Penrose . . .	Rev.	L. S.	38 2 24	Aug. 11, 1869	Nov. 1, 1882	15 7 17
	...	*G. E. Parker*	Rev.	. . . .	39 10 18	Nov. 18, 1870	Jan. 17, 1883	17 10 18
	13	G. Campbell	Rev.	. . . .	41 5 19	Jan. 1, 1864	Jan. 22, 1883	18 5 19
	14	W. C. G. Barckley . . .	Topogl.	. . . .	38 2 9	Dec. 1, 1871	Feb. 22, 1883	1 2 9B
	15	G. T. Hall	G. T. S.	L. S.	38 0 29	Nov. 22, 1872	Apl. 1, 1883	16 0 29
	16	G. Vander Beek . . .	Topogl.	L. S.	40 3 15	July 1, 1872	Apl. 30, 1883	18 3 15
	17	R. Todd	Topogl.	. . . .	44 5 20	Nov. 1, 1863	July 21, 1883	22 5 19
	18	J. Murphy	Rev.	. . . .	37 5 19	Nov. 22, 1868	Aug. 10, 1883	15 5 19
	19	A. W. Smart	Rev.	. . . .	38 10 1	Dec. 1, 1871	Oct. 6, 1883	16 7 1
	20	W. M. Kelly	Rev.	L S.	35 4 25	Oct. 1, 1872	Nov. 21, 1883	13 4 25
	21	A. Kitchen	Topogl.	. . . .	36 11 4	Oct. 1, 1872	Dec. 1, 1883	14 11 4
	...	*E. P. S. Hill*	Rev.	H.S., L.S., Persian.	34 5 15	Nov. 16, 1872	June 2, 1884	12 5 15
	22	R. B. Dickinson . . .	Rev.	L. S.	38 5 6	Apl. 16, 1873	Sep. 1, 1884	16 5 6
	23	E. Graham	Topogl.	L. S.	36 2 0	Aug. 11, 1873	Nov. 10, 1884	14 2 0
	24	G. A. Knight	Topogl.	. . . .	35 8 9	Aug. 11, 1873	Mar. 1, 1885	13 8 9
	25	W. A. Fielding . . .	. . .	L. S.	40 7 3	May 1, 1868 Oct. 1, 1887O	Apl. 1, 1881	19 7 13
	...	*P. A. Peters*	Rev.	L. S.	35 0 23	Nov. 1, 1873	May 14, 1886	13 0 23
	26	T. Marten	. . .	. . .	. . .	. . . . .	. . . . .	. . .
	27	P. F. Prunty	G. T. S.	. . .	35 0 6	May 9, 1874	May 14, 1886	13 0 6

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Department, as it stood on 1st January 1890—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
	R a. p.			
9	250 0 0	(a) Assam, R40 . .	No. 6 (Assam)	(A) Commencement of second service. Sick leave for 3 months, from 1st March 1869, and 2 months from 1st August 1869.
10	250 0 0	(b) Presidency house-rent, R20.	Head Quarters, Calcutta . .	On medical leave for 6 months, from 13th April 1888. Furlough from 1st April to 30th November 1882. Office Assistant from 16th September 1867 to 31st July 1870.
11	240 0 0	. . . . .	No. 9 (Chanda).	
12	250 0 0	(b) Presidency house-rent, R20.	Head Quarters, Calcutta . .	Leave on medical certificate, from 22nd October to 28th November 1883, and for 6 months from 3rd August 1886 to 2nd February 1887.
...	. . . .	. . . . .	On deputation, Central Provinces.	
13	250 0 0	. . . . .	No. 1 (Punjab) . . .	Office Assistant, from 1st January 1864 to 20th February 1874. Furlough for 1 year, from 22nd September 1881 to 21st September 1882.
14	250 0 0	. . . . .	No. 15 (Baluchistan) . .	(B) Inclusive of special leave to Europe on full pay for 1 year 10 months and 26 days, from 7th April 1876 to 2nd March 1878.
15	250 0 0	. . . . .	No. 4 (Western Dooars).	
16	250 0 0	(d) Burma, R50 . .	No. 13 (Mergui) . . .	Apprentice Draftsman, from 11th October 1870 to 30th July 1872.
17	250 0 0	. . . . .	No. 19 (Madras) . . .	Suspension from 11th May to 6th June 1883.
18	250 0 0	(c) Settlement, R50 .	No. 5 (Jhansi) . . .	Office Assistant, from 22nd November 1868 to 31st October 1871.
19	250 0 0	. . . . .	No. 5 (Jhansi) . . .	Three months' sick leave from 8th July 1880.
20	250 0 0	(b) Half scale, local, R15-0-0.	No. 10 (Bombay) . . .	Re-appointed to the Department, 1st October 1878, after employment in the Forest Department, from 1st November 1877 to 30th September 1878.
21	250 0 0	. . . . .	Drawing Office, Dehra Dun.	
...	. . . .	. . . . .	On deputation, Central Provinces.	
22	250 0 0	. . . . .	No. 10 (Bombay) . . .	Apprentice from 1st April 1872 to 15th April 1873.
23	250 0 0	(c) Baluchistan, R80 .	No. 15 (Baluchistan) . .	Previous service as Sub-Surveyor from 1st November 1872.
24	240 0 0	(b) Half scale local, R14-6-4.	No. 10 (Bombay).	
25	250 0 0	. . . . .	No. 18 (Himalaya) . . .	(C) Date of re-appointment. Inclusive of services in the Bombay Secretariat from 1st April 1886 to 30th September 1887.
...	. . .	. . . . .	On deputation, Straits Settlements.	
26	. . .	. . . . .	Ditto Forest Department.	
27	230 0 0	. . . . .	No. 18 (Himalaya).	

(a) Department of Revenue and Agriculture, No. 278., dated 18th January 1884.
(b) Financial Resolution No. 704, dated 22nd February 1866.
(c) Secretary of State's Despatch No. 78 (Revenue), dated 15th August 1889.
(d) Department of Finance and Commerce, No. 5826, dated 25th October 1888.

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No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1890.
		JUNIOR DIVISION —*contd.*			Y. M. D.			Y. M. D.
		Assistant Surveyors—*contd.*						
		1st Grade—*concld.* *Salary R200 rising to R250*—concld.						
	28	P. White	Topogl.	L. S.	39 2 23	Oct. 1, 1872	Oct. 1, 1884	15 0 15A
	29	J. Keating.	G. T. S.	. . .	35 7 27	June 1, 1874	July 1, 1886	13 7 27
	30	C. S. Kraal	Rev.	L. S.	36 2 6	July 24, 1874	Aug. 1, 1886	14 1 19
	31	S. F. Norman . . .	G. T. S.	. . .	35 4 23	Sep. 1, 1874	Apl. 1, 1887	13 4 23
	32	C. Norman	G T. S.	L. S.	33 7 12	Oct. 12, 1874	Apl. 1, 1887	11 7 12
	33	D. Campbell	Topogl.	. . .	37 1 13	Nov 1, 1874	Apl. 1, 1887	15 1 13
	34	L. F. Berkeley . . .	Rev.	L. S.	35 4 3	Aug. 16, 1875	Nov. 24, 1887	13 4 3
	35	J. Marten	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	36	G. P. Tate	†	L. S.	33 5 9	Mar. 12, 1878	Aug. 29, 1888	11 5 9
	37	J M. Kennedy . . .	G. T. S.	. . .	33 1 28	Aug. 19, 1875	Nov. 1, 1888	11 1 28
	38	P. C. H. Smart . . .	†	. . .	34 3 15	Apl. 18, 1878	Nov. 24, 1888	11 3 6
	39	R. F. Warwick . . .	G. T. S.	L. S.	34 9 6	July 2, 1875	May. 9, 1889	10 7 29B
	40	A. George	†	L. S.	36 11 18	Oct. 15, 1878	May 13, 1889	11 2 17C
	41	W. H. D. Ewing . . .	†	L. S.	32 4 7	Apl. 15, 1878	May 16, 1889	10 2 6D
22		2nd Grade. *Salary R160 rising to R200.*						
	1	B. M. Wilson	Rev.	. . .	41 8 17	Nov. 15, 1872	Apl. 1, 1881	17 11 0
	2	C. George	†	L. S.	37 0 24	Sep. 5, 1878	Dec. 1, 1883	15 0 24
	3	R. W. Senior	†	L. S.	29 1 18	Dec. 21, 1878	Oct. 1, 1884	6 11 25
	4	J. A. Higgs	†	L. S.	30 8 13	Sep. 12, 1881	Nov. 28, 1884	7 7 7
	5	O. D. Smart	†	. . .	32 3 15	Oct. 1, 1881	Mar. 1, 1885	10 1 0
	6	A. Ewing	†	. . .	28 0 0	Nov. 16, 1881	Oct. 1, 1885	6 0 0
	7	M. Gastaud	†	. . .	27 9 24	May 1, 1882	Oct. 30, 1885	5 9 24
	8	P. Beechey	†	L. S.	28 5 14	Dec. 1, 1882	Apl. 1, 1886	6 5 14
	9	E. F. Berkeley . . .	†	L. S. & H. S. Burmese.	25 2 10	Sep. 1, 1883	May 14, 1886	3 2 10
	10	B. R. Hughes . .	†	L. S.	23 0 18	Oct. 15, 1883	July 1, 1886	1 0 18
	11	J. P. Barker	†	. . . .	24 4 10	Dec. 23, 1883	Aug. 1, 1886	2 4 10

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on 1st January 1878.

Department, as it stood on 1st January 1890—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
	R a. p.			
28	230 0 0	(a) Burma, R50 . .	No. 13 (Mergui) . . .	(A) Exclusive of sick leave for 3 months, from 21st October 1878. Leave extended for 3 months; further extension of leave without pay up to 17th August 1879. On half-pay list, from 18th August 1879 to 31st August 1880. On sick leave for 1 year, from 17th October 1881. Extension to 28th January 1883. On sick leave for 3 months, from November 1883 to 4th February 1884.
29	230 0 0	. . . .	No. 14 (Hoshangabad).	
30	220 0 0	. . . .	No. 8 (Orissa)	Sick leave, from 6th to 22nd February 1879.
31	220 0 0	(b) Half scale, local, R13-3-2.	No. 17 (Bombay Forests).	
32	220 0 0	(b) Ditto, R13-3-2 .	No. 17 (Bombay Forests).	
33	220 0 0	. . . .	No. 14 (Hoshangabad) . .	Joined as a Sub-Surveyor on 3rd July 1872.
34	210 0 0	(c) Settlement, R50 .	No. 4 (Western Dooars).	
35	. . . .	. . . .	On deputation, Forest Department.	
36	210 0 0	(a) Baluchistan, R80 .	No. 15 (Baluchistan) . .	Apprentice from 1st March 1874 to 11th March 1879.
37	210 0 0	(d) Upper Burma, R80 .	No. 21 (Upper Burma I.)	
38	200 0 0	. . . .	No. 2 (Eastern Bengal) . .	Sick leave from 8th April to 14th September 1883.
39	200 0 0	(a) Burma, R50 . .	No. 13 (Mergui) . . .	(B) Exclusive of leave on medical certificate for 2 months, from 10th October to 9th December 1877. Also for 6 months, from 1st May to 31st October 1879. Also for 4 months and 25 days, from 30th August 1881. Also from 16th August 1882 to 14th August 1883.
40	200 0 0	. . . .	No. 9 (Chanda) . . .	(C) Exclusive of previous service as Sub-Surveyor.
41	200 0 0	. . . .	No. 1 (Punjab) . . .	(D) Exclusive of 2 months and 1 day's suspension, from 28th May to 1st July 1880, and sick leave from 2nd to 28th July 1880.
1	192 0 0	(b) Presidency house-rent, R20.	Head Quarters, Calcutta . .	Apprentice from 1st February to 14th November 1872.
2	192 0 0	(d) Upper Burma, R80 .	No. 21 (Upper Burma I) . .	Previous service as Sub-Surveyor from 18th August 1874.
3	200 0 0	. . . .	No. 18 (Himalaya).	
4	192 0 0	. . . .	No. 8 (Orissa) . . .	On medical leave, from 7th March 1888 to 18th November 1888. Previous service as apprentice from 31st July 1878.
5	192 0 0	(d) Upper Burma, R80 .	No. 3 (Kyaukse) . . .	Includes service in the temporary or Cadastral Establishment without interruption, from 1st December 1879 to 30th September 1881.
6	184 0 0	(a) Burma, R50 . .	No. 20 (Burma).	
7	184 0 0	(d) Upper Burma, R80	No. 3 (Kyaukse).	
8	184 0 0	(a) Burma, R75 . .	No. 20 (Burma).	
9	184 0 0	. . . .	Burdwan Raj Detachment.	
10	184 0 0	(d) Upper Burma, R80 .	No. 24 (Upper Burma).	
11	184 0 0	. . . .	No. 8 (Orissa).	

(a) Department of Finance and Commerce, No. 5826, dated 25th October 1888.
(b) Financial Resolution No. 704, dated 22nd February 1866.
(c) Secretary of State's Despatch No. 75 (Revenue), dated 15th August 1889.
(d) Department of Finance and Commerce, No. 756, dated 11th February 1889.

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No. sanctioned	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	* Period of servic counting towards pension on 1st January 1890.
		JUNIOR DIVISION —*concld.* **Assistant Surveyors**—*concld.*			Y. M. D.			Y. M. D.
		2ND GRADE—*concld.* *Salary R160 rising to R200*—concld.						
	12	N. Bedford	†	. . . .	28 5 15	Jan. 10, 1884	Apl. 1, 1887	5 11 21
	13	T. J. J. Mills	†	. . . .	26 0 1	Mar. 14, 1884	Apl. 1, 1887	4 0 1
	14	P. J. Serrao	†	. . . .	28 5 28	Apl. 24, 1884	Nov. 24, 1887	5 8 6
	15	J. Smith	†	. . . .	26 3 17	Aug. 1, 1884	Aug. 29, 1888	4 3 17
	16	W. E. Johnson . . .	†	. . . .	28 3 16	Aug. 18, 1884	Nov. 1, 1888	5 4 15
	17	T. W. Babonau (Jr.) . .	†	L. S.	23 5 21	Jan. 15, 1884	Apl. 1, 1887	0 10 8
	18	W. V. Skilling . . .	†	L. S.	22 8 6	Nov. 24, 1884	Nov. 24, 1888	0 8 6
	19	A. B. Smart	†	. . . .	24 3 4	Feb. 25, 1885	May 9, 1889	2 3 4
	20	C. G. Lee	†	. . . .	23 4 8	Mar. 1, 1886	May 13, 1889	1 4 8
	21	F. S. Bell	†	. . . .	25 3 2	Sep. 24, 1886	May 6, 1889	3 3 2
	22	F. E. Warde	†	. . . .	38 3 24	Nov. 13, 1884A	Oct. 1, 1889	5 1 19
		3RD GRADE. *Salary R120 rising to R160.*						
22	1	H. A. Charrier . . .	†	L. S.	25 2 8	Apl. 21, 1884	Apl. 21, 1884	3 1 26
	2	F. P. Walsh	†	. . . .	23 1 10	Mar. 4, 1886	Mar. 4, 1886	1 1 10
	3	F. B. Powell	†	. . . .	25 4 21	Sep. 23, 1886	Sep. 23, 1886	3 3 8
	4	Yusaf Sharif, Khan Bahadur .	†	. . . .	43 0 14	June 16, 1867	Dec. 1, 1886	21 0 13
	5	Rai Hira Singh, Bahadur .	†	. . . .	38 4 0	Nov. 13, 1873	Mar. 12, 1887	15 11 18
	6	J. A. T. Haddock . . .	†	L. S. E. S. Burmese.	26 2 16	Nov. 26, 1887	Nov. 26, 1887	2 3 5
	7	J. H. Murphy	†	. . . .	20 5 6	Nov. 1, 1887	Nov. 1, 1887	. . .
	8	W. J. Baker	†	. . . .	23 4 14	Jan. 25, 1888	Jan. 25, 1888	1 4 14
	9	C. G. S. Wood. . . .	†	L. S.	21 6 0	Aug. 2, 1884	Aug. 2, 1884	. . .
	10	C. S. Gasper	†	. . . .	21 4 21	Mar. 2, 1888	Mar. 2, 1888	. . .
	11	C. H. G. Johnson . . .	†	. . . .	20 6 17	Nov. 13, 1888	Nov. 13, 1888	. . .
	12	H. G. Shaw	†	. . . .	27 10 11	Jan. 1, 1889	Jan. 1, 1889	5 10 11B
	13	Sarat Chunder Sen . .	†	. . . .	24 2 1	Aug. 26, 1889	Aug. 26, 1889	0 4 7
	14	W. F. E. Adams . . .	†	. . . .	22 6 20	Aug. 26, 1889	Aug. 26, 1889	0 4 7
	15	Mon Mohun Lal Agarwala .	†	. . . .	22 9 29	Oct. 20, 1889	Oct. 20, 1889	0 2 13
	16	J. H. Nichols	†	. . . .	. . .	. . . .	. . . .	. . .
	17	*Vacant*	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	18	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	19	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	20	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	21	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	22	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on 1st January 1878.

Department, as it stood on 1st January 1890—concluded.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
	R a. p.			
12	176 0	. . .	No. 5 (Jhansi).	
13	176 0 0	. . . .	No. 19 (Madras).	
14	168 0 0	(a) Burma, R50 . .	No. 12 (Lower Burma).	
15	168 0 0	(b) Assam, R40 .	No. 6 (Assam).	
16	168 0 0	. . . .	No. 4 (Western Dooars).	
17	168 0 0	(a) Burma, R50 . .	No. 12 (Lower Burma) . .	Extraordinary leave from 9th April to 21st November 1889.
18	168 0 0	. . . .	No. 5 (Jhansi).	
19	160 0 0	(c) Presidency house-rent, R20.	Calcutta Detachment.	
20	160 0 0	. . . .	No. 2 (Eastern Bengal) . .	Previous service in the Cadastral Establishment without interruption, from 1st December 1883 to 28th February 1886.
21	160 0 0	(a) Burma, R50 . .	No. 12 (Lower Burma).	
22	160 0 0	. . . .	No. 14 (Hoshangabad) . .	(A) Date of re-appointment.
1	136 0 0	(a) Burma, R50 . .	No. 20 (Burma) . . .	Leave without pay, from 2nd to 13th May 1889.
2	144 0 0	(d) Upper Burma, R80.	No. 3 (Kyaukse).	
3	144 0 0	(a) Burma, R50 . .	No. 7 (Thongwa).	
4	144 0 0	(a) Baluchistan, R80 .	No. 15 (Baluchistan) . .	Joined as Sub-Surveyor, 16th June 1867.
5	128 0 0	(a) Baluchistan, R80 .	No. 15 (Baluchistan) . .	Joined as Sub-Surveyor. Previous service in G. T. O., Printing Section, from 1st October 1871. Sick leave from 7th February to 6th April 1889.
6	136 0 0	(a) Burma, R75 . .	No 7 (Thongwa).	
7	136 0 0	. . . .	No. 5 (Jhansi).	
8	128 0 0	(d) Upper Burma, R80	No. 3 (Kyaukse).	
9	128 0 0	. . . .	No. 4 (Western Dooars) . .	Without allowances, from 12th May 1886 to 11th January 1889.
10	128 0 0	. . . .	No. 8 (Orissa).	
11	128 0	. . .	No. 9 (Chanda).	
12	128 0 0	. . . .	No. 14 (Hoshangabad) . .	(B) Includes previous service in the Meteorological Department without interruption, from 1st January 1883 to 31st December 1888.
13	120 0 0	. . . .	No. 2 (Eastern Bengal) . .	On probation.
14	120 0 0	. . . .	No. 10 (Bombay) . . .	
15	120 0 0	. . . .	No. 5 (Jhansi)	
16	. . . .	. . . .	On deputation, Forest Department.	
17	. . . .	. . . .	. . . . .	
18	. . . .	. . . .	. . . . .	
19	. . . .	. . . .	. . . . .	
20	. . . .	. . . .	. . . . .	
21	. . . .	. . . .	. . . . .	
22	. . . .	. . . .	. . . . .	

(a) Department of Finance and Commerce, No. 5826, dated 25th October 1888.
(b) Department of Revenue and Agriculture, No. 278., dated 18th January 1884.
(c) Financial Resolution No. 704, dated 22nd February 1886.
(d) Department of Finance and Commerce, No. 756, dated 11th February 1889.

Names of Administrative and Technical Offices of the Survey of India Department, as they stood on 1st January 1890.

Names of Offices and Sections.	Nature of Current Operations.	Administrative Superintendent.
Head Quarters, Calcutta.		
Administrative.		
Surveyor-General's	Accounts, Correspondence	A. S. G., S. G. O.
Deputy Surveyor-General's, Topo.	Ditto	A. S. G., S. G. O.
Ditto, Rev.	Ditto	D. S. G., Rev.
Map Record and Issue	Correspondence, Receipts and Issues	A. S. G., D. O.
Technical.		
Drawing and Compiling	Mapping	A. S. G., D. O.
Engraving	On copper by hand	A. S. G., D. O.
Lithographic and Printing	Mapping, Litho. and Type Printing	A. S. G., Photo.
Photozincographic	Photo. Reproduction and Zinc Printing	A. S. G., Photo.
Mathematical Instrument	Repairing, storing and Issue	A. S. G., S. G. O.
Trigonometrical Branch, Dehra Dun.		
Administrative.		
eputy Surveyor-General's, Trigonometrical Branch	Accounts, Correspondence	D. S. G., Trig.
Technical Sections.		
Computing	Reduction and Publication	Ditto.
Drawing and Compiling	Mapping	Ditto.
Meteorological		Ditto.
Photozincography	Photo. Reproduction and Zinc Printing	Ditto.
Printing	Letter-press Printing	Ditto.
Solar Photography	Solar Photography	Ditto.
Head Quarters Office, Simla.		
Administrative.		
Surveyor General's	Direction and Correspondence	S. G.

Names of Field Parties of the Survey of India Department, as they stood on 1st January 1890.

Number of Party.	Locale of Operations.	Abbreviation.	Nature of Current Operations.	Administrative Superintendent.
No. 1	Punjab	Punj.	Traversing and Compilation	D. S. G., Rev.
„ 2	Eastern Bengal	East. Beng.	Cadastral	Ditto
„ 3	Kyaukse	Kyaukse	Ditto	Ditto.
„ 4	Western Dooars	West. Dooars	Ditto	Ditto.
„ 5	Jhansi	Jhansi	Ditto	Ditto.
„ 6	Assam	Assam	Ditto	Ditto.
„ 7	Thongwa	Thongwa	Ditto	Ditto.
„ 8	Orissa	Orissa	Cadastral	Ditto.
„ 9	Chanda	Chanda	Traversing	Ditto.
„ 10	Bombay	Bom.	Topographical	Ditto.
„ 11	Upper Burma II	U. Bur. II	Ditto	D. S. G., Topo.
„ 12	Lower Burma	L. Bur.	Traversing	D. S. G. Rev
„ 13	Mergui	Mergui	Topo. and ditto	Ditto.
„ 14	Hoshangabad	Hoshang.	Forests	D. S. G., Trig.
„ 15	Baluchistan	Bal.	Topographical	D. S. G., Topo.
„ 17	Bombay	Bom. For	Forests	Ditto.
„ 18	Himalaya	Him.	Topographical	D. S. G., Trig.
„ 19	Madras	Mad.	Forests	D. S. G., Topo.
„ 20	Burma	Bur.	Ditto	Ditto.
„ 21	Upper Burma I	U. Bur. I	Topographical	Ditto.
„ 22	Punjab, Sind and Central India	Ast. I	Longitude Observations	D. S. G., Trig
„ 23	Ditto	Ast. II	Ditto	Ditto.
„ 24	Upper Burma	U. Bur.	Triangulation	Ditto.
„ 25	India	Tidal	Tide Registering and Levelling.	Ditto.
	Burdwan Raj detachment		Cadastral	D. S. G., Rev.
	Calcutta detachment		Ditto	Ditto.

Disposition List of Officers of the Survey of India Department, attached to the Head Quarters Offices at Calcutta and the Trigonometrical Branch Office at Dehra, 1st January 1890.

Name of Office.	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Detail of superintendence and remarks.
Surveyor-General of India . .	Colonel H. R. Thuillier, R.E.	. . .	. . . . .	. .	. .	Feb. 19, '87	Direction of all Offices and Superintendence of—
Deputy Surveyor-General, in charge Topographical Branch.	. . . .	. . .	. . . . .	. .	. .	Ditto .	No. 11 Party (Upper Burma, II). No. 15 Party (Baluchistan). No. 17 Party (Bombay Forests). No. 19 Party (Madras). No. 20 Party (Burma). No. 21 Party (Upper Burma). Shan-Siam Boundary Commission, Survey Detachment. Chin-Lushai Expedition, Survey Detachment, Chittagong column. Ditto ditto. Burma column.
Personal Assistant (Offices, Calcutta and Simla.)	. . . .	T. Archdale Pope.	. . . .	A. Sup.	1st	Dec, 9, '89	Officiating Dy. Superintendent, 4th grade.
Deputy Surveyor-General, in charge Revenue Branch.	Col. J. Sconce, R.C. On furlough . Lt.-Col. C. Strahan, R.E., officiating.	. . .	. . . . .	. .	. .	Jan. 1, '79	Superintendence of—
		. . .	. . . . .	. .	. .	Oct. 26, 89	No. 1 Party (Punjab). No. 2 Party (Eastern Bengal). No. 3 Party (Kyaukse). No. 4 Party (West. Dooars). No. 5 Party (Jhansi). No. 6 Party (Assam). No. 7 Party (Thongwa). No. 8 Party Orissa). No. 9 Party (Chanda). No. 10 Party (Bombay). No. 12 Party (Lower Burma). No. 13 Party (Mergui). Burdwan Raj Detachment. Calcutta Detachment.
Office, Calcutta.							

Disposition List of Officers of the Survey of India Department, attached to the Head Quarters Offices at Calcutta and the Trigonometrical Branch Office at Dehra, 1st January 1890—continued.

Name of Office.	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Deputy Surveyor-General, in charge Trigonometrical Branch.	Lt.-Col. G. Strahan, R.E.	. . .	. . . . .	. .	. .	Oct. 12, '89	Superintendence of Offices at Dehra and of— No. 14 Party (Hoshangabad). No. 18 Party (Himalaya). No. 22 Party (Ast. I). No. 23 Party (Ast. II). No. 24 Party (Upper Burma). No. 25 Party (Tidal & Levelling).
Doing duty . .	. . . . .	W. H. Cole, M.A.	. . . .	D. Sup.	3rd	Feb. 23, 89	Offg. Dy. Supdt., 2nd Grade. In charge Computing.
		E. C. Ryall .	. . . . .	A. Sup.	1st	Aug. 19, 89	Computing.
			G. W. E. Atkinson	S.	1st	Sep. 1, 70	Drawing Section.
			H. W. Peychers .	S.	2nd	Sep. 1, 71	Computing.
			L. J. Pocock. .	S.	3rd	Oct. 1, 89	Ditto.
			N. C. Gwynne .	S.	3rd	Oct. 1, 86	Drawing Section.
			C. H. McA'Fee. .	S.	3rd	Feb. 1, 85	Ditto.
			W. J. Cornelius .	S.	4th	Oct. 1, 87	Ditto.
Offices, Dehra and Mussoorie.			A. Kitchen . .	A. S.	1st	Oct. 1, 88	Ditto.
Assistant Surveyor-General, Drawing and Engraving Offices.	Major St. G. C. Gore, R.E., officiating.	. . . .	. . . . .	D. Sup.	4th	Oct. 26, '89	Offg. 3rd Grade.
			G. A. McGill .	S.	1st	Dec. 20, 82 June 2, 84	Date of appointment as Chief Draftsman.
			S. M. Smylie .	S.	1st	Nov. 24, 88	
			F. Adams . .	S.	2nd	June 1, 77	
			A. J. James . .	S.	4th	Nov. 11, 88	
			S. O. Madras .	A. S.	1st	May 7, 84	Offg. Surveyor, 4th Grade.
			G. D. Cusson .	A. S.	1st	Nov. 23, 89	
			E. J. Martin .	A. S.	1st	Dec. 1, 82	
Office, Calcutta.			W. H. Penrose .	A. S.	1st	Nov. 21, 89	

Disposition List of Officers of the Survey of India Department, attached to the Head Quarters Offices at Calcutta and the Trigonometrical Branch Office at Dehra, 1st January 1890—concluded.

Name of Office.	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Assistant Surveyor-General, Surveyor-General's Office, and Mathematical Instrument Office. Offices, Calcutta.	Lt.-Col. M. W. Rogers, R.E.	. . .	. . . .	D. Sup.	2nd	May. 7, '89	
Assistant Surveyor-General, Lithographic and Photographic Offices. Office, Calcutta.	Col. J. Waterhouse, S.C.	. . .	. . . .	D. Sup.	2nd	Dec. 1, '66 Dec. 17, 86	
Assistant Surveyor-General. Map Record and Issue Office.	Major St. G. C. Gore, R.E., officiating.	. . .	. . . .	D. Sup.	4th	Oct. 26, '89	Offg. 3rd Grade.
Office, Calcutta.			B. M. Wilson .	A. S.	2nd	Nov. 1, 82	

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
1	Punjab (Traverse.)	Rev.	J. S. Pemberton	S.	1st	Oct. 21, '85
			G. Campbell	A. S.	1st	Sep. 21, 82
			W. H. D. Ewing	A. S.	1st	Dec. 1, 87
	Recess quarters, Simla					
2	Eastern Bengal (Cadastral.)	Rev.	Lt.-Col. E. H. Steel, s. c.	D. Sup.	3rd	Nov. 24, '87
			F. Grant	A. Sup.	1st	Nov. 1, 79
			W. J. O'Sullivan	S.	3rd	Nov. 7, 89
			J. McHatton	S.	4th	Jan. 1, 80
			P. C. H. Smart	A. S.	1st	Oct. 1, 85
			C. G. Lee	A. S.	2nd	Nov. 7, 89
			Sarat Chunder Sen	A. S.	3rd	Dec. 1, 89
	Recess quarters, Barrackpore.		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
3	Kyaukse (Cadastral).	Rev.	G. B. Scott	A. Sup.	1st	Oct. 24, '89
			E. G. Little	S.	2nd	Nov. 1, 89
			W. C. Price	S.	3rd	Oct. 19, 89
			O. D. Smart	A. S.	2nd	Feb. 20, 88
			M. Gastaud	A. S.	2nd	Oct. 1, 89
			F. P. Walsh	A. S.	3rd	Oct. 11, 89
			W. J. Baker	A. S.	3rd	Jan. 25, 88
	Recess quarters		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
4	Western Dooars (Cadastral.)	Rev.	Col W. H. Wilkins	D. Sup.	2nd	Nov. 6, '89
			H. T. Hanby	S.	3rd	May 1, 70
			G. T. Hall	A. S.	1st	Nov. 1, 89
			L. F. Berkeley	A. S.	1st	Aug. 16, 75
			W. E. Johnson	A. S.	2nd	Aug. 18, 84
			C. G. S. Wood	A. S.	3rd	Nov. 12, 89
	Recess quarters, Hazaribagh		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			

Department, attached to Field Parties, 1st January 1890.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	In charge.
21	1	171	1	13	58,900	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 2nd Grade.
. . .	. . .	. . .	. . .	. . .	. . . .	Officiating Depy. Supt., 4th Grade.
15	1	175	1	20	1,34,900	
96	. . .	464	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th Grade.
27	2	347	. . .	4	1,45,000	
26	1	2	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 1st Grade.
20	1	218	1	17	1,03,900	
70	1	840	. . .	. . .		

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
5	Jhansi (Cadastral.)	Rev.	Lt.-Col. J. E. Sandeman, s.c.	D. Sup.	2nd	Nov. 1, '83
			Lt. R. T. Crichton, s.c.	A. Sup.	2nd	Dec. 16, 89
			T. F. Freeman	A. S.	1st	Oct. 1, 76
			J. Murphy	A. S.	1st	July 2, 83
			A. W. Smart	A. S.	1st	Oct. 1, 85
			N. Bedford	A. S.	2nd	Jan. 10, 84
			W. V. Skilling	A. S.	2nd	Oct. 1, 85
			J. H. Murphy	A. S.	3rd	Nov. 1, 87
			Mon Mohun Lal Agarwala	A. S.	3rd	Oct. 20, 89
	Recess quarters, Naini Tal.		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
6	Assam (Cadastral.)	Rev	E. C. Barrett	D. Sup.	3rd	July 25, '83
			J. H. O'Donel	S.	3rd	Oct. 29, 83
			C. W. Wilson	A. S.	1st	Nov. 1, 89
			J. Smith	A. S.	2nd	Nov. 1, 84
	Recess quarters, Shillong		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
7	Thongwa (Cadastral.)	Rev.	F. W. Kelly	D. Sup.	4th	Sep. 6, '87
			H. R. Littlewood	S.	1st	Oct. 21, 85
			G. W. Jarbo	S.	4th	Nov. 1, 80
			J. S. Swiney	A. S.	1st	Apl. 14, 82
			F. B. Powell	A. S.	2nd	. . . .
			J. A. T. Haddock	A. S.	3rd	Nov. 26, 87
	Recess quarters, Rangoon.		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			

attached to Field Parties, 1st January 1890—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
19		140	1	19	1,10,800	
260	. . .	650	. . .	. . .		
22	. . .	137	1	8	97,300	
160	. . .	225	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd Grade.
25	1	149	1	18	1,71,200	
158	1	280	. . .	. . .		

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
8	Orissa . . . . (Cadastral.)	Rev.	W. H. Patterson	D. Sup.	4th	Oct. 29, '89
			R. B. Smart	S.	3rd	Nov. 1, 81
			R. C. D. Ewing	S.	4th	Sep. 12, 87
			C. S. Kraal	A. S.	1st	Nov. 15, 88
			J. A. Higgs	A. S.	2nd	Nov. 19, 88
			J. P. Barker	A. S.	2nd	Dec. 1, 89
			C. S. Gasper	A. S.	3rd	Mar. 2, 88
	Recess quarters, Cuttack .		Professional Establishment (Permanent) . .			
			Cadastral ditto (Temporary) . .			
9	Chanda . . . . (Traverse.)	Rev.	G. H. Cooke	D. Sup.	3rd	Oct. 26, '85
			H. Dowman	S.	2nd	Nov. 1, 85
			C. W. F. Seyers	A. S.	1st	Nov. 1, 89
			A. George	A. S.	1st	Nov. 1, 86
			C. H. G. Johnson	A. S.	3rd	Nov. 1, 89
	Recess quarters, Kampti .	. .	. . . . .	. . .	. .	. . . .
10	Bombay . . . . (Topo.)	Rev.	Col. H. S. Hutchinson, R.C. . . .	D. Sup.	3rd	Oct. 22, '87
			W. Todd	S.	1st	Oct. 1, 88
			C. Tapsell	S.	4th	Mar. 1, 88
			W. M. Kelly	A. S.	1st	Nov. 1, 79
			R. R. Dickinson	A. S.	1st	May 1, 86
			G. A. Knight	A. S.	1st	Oct. 1, 88
	Recess quarters, Poona .	. .	W. F. E. Adams	A. S.	3rd	Aug. 26, 89
11	Upper Burma II . . (Topographical)	Topo.	Lt. C. F. Close, R.E.	A. Sup.	1st	Jan. 6, '90
			A. J. Wilson	S.	1st	Nov. 1, 89
			A. G. Wyatt	S.	2nd	Nov. 1, 89
			F. Kitchen	S.	3rd	Nov. 1, 89
	Recess quarters, Bangalore	. .	. . . . .	. . .	. .	. . . .

attached to Field Parties, 1st January 1890—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd Grade.
20	1	200	1	16	1,37,700	
170	. . .	450	. . .	. . .		
35	1	330	1	14	74,600	
19	1	190	1	12	78,400	
8	1	103	1		6 ,715	

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
12	Lower Burma (Traverse.)	Rev.	E. J. Jackson	D. Sup.	4th	Oct. 29, '86
			W. S. Buttress	S.	2nd	Oct. 1, 89
			J. Connor	S.	4th	Oct. 1, 89
			J. Newland	S.	4th	Nov. 1, 89
			P. J. Serrao	A. S.	2nd	Mar. 1, 89
			T. W. Habonau (Jr.)	A. S.	2nd	Nov. 22, 89
			F. S. Bell	A. S.	2nd	Oct. 11, 89
	Recess quarters					
13	Mergui (Topo. and Traverse.)	Rev.	A. D'Souza	D. Sup.	4th	Apl. 11, '86
			H. E. T. Keelan	S.	1st	Oct. 1, 89
			A. J. Gibson	S.	2nd	Nov. 1, 87
			G. Vander Beek	A. S.	1st	Oct. 1, 89
			P. White	A. S.	1st	Oct. 1, 89
			R. F. Warwick	A. S.	1st	Oct. 1, 89
	Recess quarters					
14	Hoshangabad (Forest.)	Trig.	Col. J. R. Wilmer, R.C.	D. Sup.	3rd	Oct. 23, '88
			A. Christie	S.	3rd	Oct. 1, 87
			J. Keating	A. S.	1st	Oct. 1, 89
			D. Campbell	A. S.	1st	Apl. 17, 88
			F. E. Warde	A. S.	2nd	May 1 87
			H. G. Shaw	A. S.	3rd	Oct. 1, 89
	Recess quarters, Mussoorie					
15	Baluchistan (Topo.)	Topo.	Bt. Lt. Col. T. H. Holdich, R.E.	D. Sup.	2nd	Nov. 3, '88
			Lt. R. J. H. L. Mackenzie, R.E.	A. Sup.	1st	Oct. 1, 88
			T. E. M. Claudius	S.	3rd	Oct. 1, 83
			E. A. Wainright	S.	4th	Oct. 1, 89
			W. C. G. Barckley	A. S.	1st	Oct. 1, '85
			E. Graham	A. S.	1st	Oct. 1, 88
			G. P. Tate	A. S.	1st	Oct. 1, 88
			Yusuf Sharif, Khan Bahadur	A. S.	3rd	Apl. 1, 89
			Rai Hira Sing, Bahadur	A. S.	3rd	Feb. 15, 88
	Recess quarters, Mussoorie.					

attached to Field Parties, 1st January 1890—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd Grade.
30	1	324	1	11	90,400	
25	1	250	1	8	92,700	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 2nd Grade.
40	1	305	1	14	77,220	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th Grade.
8	1	166	1	6	127,320	

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
17	Bombay Forests (Forests.)	Topo.	Col. A. Pullan, s.c.	D. Sup.	2nd	Oct. 30, '86
			A. M. Lawson	S.	2nd	Oct. 1, 88
			S. F. Norman	A. S.	1st	Sep. 1, 74
			C. Norman	A. S.	1st	Oct. 12, 74
	Recess quarters, Poona					
1	Himalaya (Topo.)	Trig.	Col. H. C. B. Tanner, Bom. s.c.	D. Sup.	2nd	Aug 19, '86
			C. D. Potter	S.	4th	Nov. 1, 87
			W. Robert	A. S.	1st	Sep. 1, 78
			W. A. Fielding	A. S.	1st	Oct. 1, 87
			P. F. Prunty	A. S.	1st	Sep. 1, 86
			R. W. Senior	A. S.	2nd	Oct. 1, 89
	Recess quarters, Simla					
19	Madras (Forests.)	Topo.	Lt.-Col. J. R. McCullagh, R.E.	D. Sup.	3rd	June 21, '88
			C. F. Hamer	S.	3rd	Nov. 1, 87
			Hugh Todd	S.	4th	Oct. 1, 76
			R. Todd	A. S.	1st	Oct. 1, 84
			T. J. J. Mills	A. S.	2nd	Oct. 1, 84
	Recess quarters, Ootacamund.					
20	Burma (Topo.)	Topo.	Lt.-Col. R. Beavan, s.c.	D. Sup.	3rd	Dec. 20, '88
			J. A. Barker	S.	4th	Dec. 1, 87
			A. Ewing	A. S.	2nd	Nov. 1, 89
			P. Beechey	A. S.	2nd	Oct. 1, 89
			H. A. Charrier	A. S.	3rd	Nov. 1, 89
	Recess quarters, Rangoon					

attached to Field Parties, 1st January 1890—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 1st Grade.
33	2	195	1	10	71,000	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 1st Grade.
28	1	160	1	8	72,300	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 2nd Grade.
23	1	194	1	24	66,790	
24	2	536	1	11	1,07,880	

Disposition List of Officers of the Survey of India Department

No. of Party	Locale and nature of operations.	Administrative Superintendent. D.S.G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
21	Upper Burma I (Topo.)	Topo.	Major J. R. Hobday, S.C.	D. Sup.	4th	Mar. 20, '86
			H. T. Kitchen	S.	4th	Nov. 1, 89
			J. M. Kennedy	A. S.	1st	June 14, 86
			C. George	A. S.	2nd	Nov. 1, 89
	Recess quarters, Bangalore.	. .	. . . . .	. . .	. .	. . . .
22	Punjab, Sind and Central India. (Astronomical I)	Trig.	Capt. S. G. Burrard, R.E.	D. Sup.	4th	May 3, '89
	Recess quarters, Mussoorie	. .	. . . . .	. . .	. .	. . . .
23	Punjab, Sind and Central India. (Astronomical II).	Trig.	Lt. G. P. Lenox-Conyngham, R.E.	A. Sup.	2nd	Oct. 1, '89
	Recess quarters, Mussoorie.	. .	. . . . .	. . .	. .	. . . .
24	Upper Burma (Triangulation).	Trig.	J. Eccles, M.A.	A. Sup.	1st	Aug. 19, '89
			T. H. Rendell	S.	3rd	Sept. 15, 89
			J. Hickie	A. S.	1st	Oct. 1, 88
			B. R. Hughes	A. S.	2nd	Oct. 1, 88
	Recess quarters, Mussoorie.	. .	. . . . .	. . .	. .	. . . .

attached to Field Parties, 1st January 1890—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd Grade.
9	1	136	. . .	2	91,900	
1	1	20	1	...	23,800	
...	1	20	...	...	14,000	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th Grade.
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Surveyor, 4th Grade.
2	1	89	1	91	73,000	

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
25	India, &c. . . . . (Tidal and Levelling).	Trig.	C. Wood	A. Sup.	2nd	Dec. 16, '89
			G. Belcham	S.	2nd	Sep. 1, 79
			E. J. Connor	S.	4th	Dec. 1, 77
			J. Bond	S.	4th	June 1, 88
	Recess quarters, Poona .	. .	. . . . .	. . .	. .	. . . .
	Burdwan Raj Detachment (Cadastral).	Rev.	T. Shaw	A. S.	1st	Dec. 1, '88
			E F. Berkeley	A. S.	2nd	Oct. 1, 87
			Professional Establishment (Permanent).			. . . .
	Recess quarters, Monghyr .		Cadastral ditto (Temporary)			. . . .
	Calcutta Detachment. (Cadastral.)	Rev.	Major St. G. C. Gore, R.E. . . .	D. Sup.	4th	Oct. 29, '89
			D. Atkinson	S.	1st	Dec. 1, 86
			A. R. Smart	A. S.	2nd	Oct. 1, 85
	Recess quarters, Calcutta .		Professional Establishment (Permanent.)	. . .	. .	. . . .
			Cadastral ditto (Temporary.)	. . .	. .	. . . .
	Shan-Siam Boundary Commission, Survey Detachment.	Topo.	Capt. H. M. Jackson, R.E. . . .	D. Sup.	4th	Nov. 1, '89
			M. J. Ogle	S.	2nd	Nov. 1, 89
			P. J. W. Doran	S.	4th	Oct. 26, 89
	Chin-Lushai Expedition, Survey Detachment.	Topo.	Lt. W. J. Bythell, R.E.	A. Sup.	2nd	Nov. 20, '89
	Chittagong Column . .	. .	W. Stotesbury	S.	3rd	Nov. 20, 89
	Burma Column . .	. .	Lt. T. F. B. Renny-Tailyour, R.E. . .	A. Sup.	1st	. . . .

attached to Field Parties, 1st January 1890—concluded.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
18	1	35	...	10	47,200	
. . .	. . .	. . .	. . .	. . .	. . . .	In charge.
5	1	80		5	47,300	
30	...	147	...	...		
. .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd Grade.
4	.	27	. . .	. . .	13,800	
46	. . .	36	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd Grade.
. . .	2					
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th Grade.

Disposition List of Officers of the Survey of India Department, temporarily transferred to other Departments, or on furlough, &c., 1st January 1890.

Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Province to which transferred.	REMARKS.
		On Deputation.			
	T. H. Dunne	S.	4th	Central Provinces	On deputation.
	J. R. Scott	S.	4th	Ditto	Ditto.
	G. C. Swiney	A. S.	1st	Ditto	Ditto.
	C. P. Torrens	A. S.	1st	Burma	Ditto.
	G. E. Parker	A. S.	1st	Ditto	Ditto.
	E. P. S. Hill	A. S.	1st	Central Provinces	Ditto.
	P. A. Peters	A. S.	1st	Straits Settlements	Ditto.
	T. Marten	A. S.	1st	Forest Department	Ditto.
	J. Marten	A. S.	1st	Ditto	Ditto.
	J. H. Nichols	A. S.	3rd	Ditto	Ditto.
		On Furlough, &c.			
Colonel J. Sconce, S.C.		D S. G.	...		For 1 year and 153 days, from 1st November 1889.
Colonel D. Macdonald, S.C.		D. Sup.	1st		For 1 year and 15½days, from 1st December 1889.
Colonel W. Barron, S.C.		D. Sup.	1st		For 1 year and 275 days, from 20th February 1889.
Lt.-Col. J. Hill, R.E.		D. Sup.	3rd		For 1 year and 5 months, from 18th May 1888. Extension for 2 months. Further extension for 5 months.
Colonel S. H. Cowan		D. Sup.	3rd		For 1 year and 163 days, from 29th October 1889.
Capt. F. B. Longe, R.E.		D. Sup.	4th		For 18 months, from 16th November 1888.
Captain R. A. Wahab, R.E.		D. Sup.	4th		From 12 months, from 1st December 1889.
Capt. G. B. Hodgson, S.C.		D. Sup.	4th		For 2 years, from 4th March 1889.
Lieut. J. M. Fleming, S.C.		A. Sup.	1st		For 18 months from 9th January 1890.
	W. A. Wilson	S.	2nd		For 1 year, from 24th March 1889.
	D. A. King	S.	4th		For 1 year, from 20th December 1887. Extension for 9 months and 23 days. Further extension for 6 months.

GEOLOGICAL SURVEY OF INDIA.

Classified List of Officers of the Geological

Number sanctioned.	Number existing in each grade.	Names of Officers, and name of substantive appointment.	Passed in Vernacular.	Age.	Date of first joining the Department.	Date of promotion to the present grade.
				Y. M. D.		
1	1	William King, B.A., D.Sc., F.G.S., Director, Geological Survey.	. . . . .	56 5 16	Mar. 4, 1857 .	Apl. 27, 1887 .
		1st Grade—R800—50—1,100.				
4	1	R. Bruce Foote, F.G.S., Superintendent, Geological Survey.	. . . . .	55 3 9	Sept. 28, 1858 .	June 14, 1881 .
	2	Theo. W. H. Hughes, C.E., A.R.S.M., F.G.S., Superintendent, Geological Survey.	Aug. 3, 1868 .	46 4 30	Nov. 11, 1862 .	Apl. 27, 1887 .
	3	C. L. Griesbach, C.I.E., F.G.S., Deputy Superintendent, Geological Survey.	Sept. 15, 1880 .	42 0 21	Nov. 11, 1878 .	June 22, 1889 .
		700—50—1,000.				
	4	R. D. Oldham, A.R.S.M., F.G.S., Deputy Superintendent, Geological Survey.	Aug. 1, 1881 .	31 5 2	Dec. 17, 1879 .	June 22, 1889 .
		2nd Grade—R500—40—700.				
5	1	P. N. Bose, B.Sc., F.G.S., Deputy Superintendent, Geological Survey.	Not required to pass.	34 7 20	July 30, 1880 .	Apl. 1, 1884 .
	2	Tom. D. LaTouche, B.A., Deputy Superintendent, Geological Survey.	June 5, 1882 .	34 2 2	Nov. 29, 1881 .	Apl. 27, 1887 .
	3	C. S. Middlemiss, B.A., Deputy Superintendent, Geological Survey.	Oct. 6, 1884 .	30 1 9	Dec. 29, 1883 .	Apl. 1, 1889 .
	4	*Vacant*	. . . . .	. . . .	. . . . .	. . . . .
	5	*Vacant*	. . . . .	. . . .	. . . . .	. . . . .
		3rd Grade—R350—30—500.				
6	1	P. Lake, B.A., Assistant Superintendent, Geological Survey.	July 2, 1888 .	24 8 22	Sept. 27, 1887 .	Sept. 27, 1887 .
	2	P. N. Datta, B.Sc., F.G.S., Assistant Superintendent, Geological Survey.	July 1, 1889 .	31 10 17	June 25, 1888 .	June 25, 1888 .
	...	*Vacant.* ditto.	. . . . .	. . . .	. . . . .	. . . . .
	...	*Vacant.* ditto.	. . . . .	. . . .	. . . . .	. . . . .
	...	*Vacant.* ditto.	. . . . .	. . . .	. . . . .	. . . . .
	...	*Vacant.* ditto.	. . . . .	. . . .	. . . . .	. . . . .
		Separately graded.				
		R500 rising to R1,000.				
	1	Fritz Noetling, Ph. D., Palæontologist, Geological Survey.	Oct. 1, 1888 .	32 5 15	Feb. 17, 1887 .	Feb. 17, 1887 .
		Non-graded Officers.				
5	1	W. R. Bion, Registrar, Geological Survey	Not required to pass.	37 6 15	Dec. 12, 1870 .	Dec. 31, 1878 .
	2	*Vacant*, Artist, Geological Survey .	Ditto . . .	. . . .	. . . . .	. . . . .
	3	Kishen Singh, Sub-Assistant, Geological Survey.	Ditto . . .	39 10 6	Jan. 7, 1874 .	Apl. 1, 1879 .
	4	Hira Lal, Sub-Asst., Geological Survey .	Ditto . . .	38 5 2	Jan 7, 1874 .	Apl. 1, 1879 .
	5	T. R. Blyth, Museum Assistant, Geological Survey	Ditto . . .	30 8 7	Mar 1, 1884 .	Mar. 1, 1884 .

Survey of India on the 1st January 1890.

Period of service counting for pension.	Pay of substantive appointment.	Acting allowances.	Conveyance and house allowances.	Total pay and allowances.	Where employed at present.	REMARKS.
Y. M. D.	R a. p.	R a. p.	R a. p.	R a. p		
32 9 28	1,500 0 0	. . . .	. . . . .	1,500 0 0	Head-Quarters.	
31 3 3	1,100 0 0	. . . .	60 0 0	1,160 0 0	Bellary.	
25 7 7	1,100 0 0	. . . .	60 0 0	1,160 0 0	Mergui.	
11 1 20	800 0 0	. . . .	60 0 0	860 0 0	Head-Quarters.	
10 0 15	750 0 0	. . . .	30 0 0	780 0 0	Baluchistan.	
9 5 2	660 0 0	. . . .	3 0 0	690 0 0	Darjiling.	
8 1 2	580 0 0	. . . .	30 0 0	610 0 0	Chin-Lushai Expedition.	
6 0 3	540 0 0	. . . .	30 0 0	570 0 0	Salt Range, Punjab.	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
2 3 3	410 0 0	. . . .	150 0 0	560 0 0	Head-Quarters .	Offg. Curator.
1 6 6	300 0 0	. . . .	None . . .	300 0 0	Salt Range, Punjab.	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
2 10 12	580 0 0	. . . .	30 0 0	610 0 0	Head-Quarters.	
15 1 4	400 0 0	. . . .	. . . . .	400 0 0	Office.	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
14 11 25	200 0 0	. . . .	. . . . .	200 0 0	Baluchistan.	
15 11 25	200 0 0	. . . .	. . . . .	200 0 0	Baluchistan.	
5 10 0	150 0 0	. . . .	. . . . .	150 0 0	Museum.	

Disposition List of Officers of the Geological

Names of Officers.	Where employed.	Rank and Grade.	Date of first joining the Department.	Strength of Establishment of all Grades.						
				Separately graded.	1st Grade.	2nd Grade.	3rd Grade.	Non-graded Officers.	Office Establishment. Clerks and Draftsmen.	Office Establishment. Peesmen and Servants.
William King, B.A., D.SC., F.G.S.	Hd.-Quarters	Director, Geol. Survey.	Mar. 4, 1857	2	4	5	6	5	12	24
1st Grade.										
R. Bruce Foote, F.G.S.	Bellary	Supdt., Geol. Survey.	Sept. 28, 1858	4 first grade Officers.	...	...	...	...	...	...
Theo. W. H. Hughes, C.E., A.R.S.M., F.G.S.	Mergui	Ditto	Nov. 11, 1862		...	...	...	...	...	...
C. L. Griesbach, C.I.E., F.G.S.	Hd.-Quarters	Ditto	Nov. 11, 1878		...	...	...	...	...	...
R. D. Oldham, A.R.S.M., F.G.S.	Baluchistan	Depy. Supdt., Geol. Survey, 1st grade.	Dec. 17, 1879		...	...	...	...	...	...
2nd Grade.										
P. N. Bose, B.SC., F.G.S.	Darjiling	Ditto, 2nd grade.	July 30, 1880	5 second grade Officers.	...	...	...	...	...	...
Tom. D. LaTouche, B.A.	Chin-Lushai Expedition.	Ditto	Nov. 29, 1881		...	...	...	...	...	...
C. S. Middlemiss, B.A.	Salt Range	Ditto	Dec. 29, 1883		...	...	...	...	...	...
Vacant	....	....	....		...	...	...	..	...	...
Vacant	....	....	....		...	...	...	...	...	...

Survey of India on the 1st January 1890.

Where employed during last three years.	Annual cost (salary and travelling allowance of Officers and their Subordinates, if any) from April 1888 to March 1889.				Remarks.
		R a. p.	R a. p.		
1886-87. Chhattisgarh and Office	Salary	18,000 0 0			
1887-88. Office and on tour	Travelling allowance	2,521 0 0	20,521 0 0		
1888-89. Ditto.					
1886-87. Bellary, Mysore and Office	Salary and fixed allowance.	14,220 0 0			
1887-88. Bellary	Travelling allowance.	1,953 5 4			
1888-89. Ditto	Hospital Assistant's pay, &c.	631 15 0	16,805 4 4		
1886-87. Hyderabad	Salary and fixed allowance	5,925 0 0			
1887-88. Ditto and Perak	Travelling allowance	1,685 12 8			
1888-89. Perak and Mergui	Hospital Assistant's pay, &c.	106 1 0	7,716 13 8		
1886-87. Office.					
1887-88. Afghanistan	. . . . .	. . . . .	. . . .		
1888-89. Ditto and Head-Quarters.					
1886-87. Rajputana, Himalayas and Alwar.	Salary and fixed allowance	9,550 5 1			
1887-88. Himalayas and Rajputana.	Travelling allowance	1,791 3 3	11,341 8 4		
1888-89. Ditto and Baluchistan.					
1886-87. Chhattisgarh and Jabalpur	Salary and fixed allowance	8,831 12 7			
1887-88. Jabalpur	Travelling allowance	2,287 10 0			
1888-89. Balaghat and Darjiling	Hospital Assistant's pay, &c.	46 10 0	11,166 0 7		
1886-87. Assam and Kashmir	Salary and fixed allowance	2,245 0 0			
1887-8 . Kashmir.	Travelling allowance	971 15 0	3,216 15 0		
1888-89. Ditto, Assam and Chin-Lushai Expedition.					
1886- 7. Kumaon and Head-Quarters	Salary and fixed allowance	6,599 0 6			
188 - . Kumaon	Travelling allowance	2,210 0 0	8,809 0 6		
-89. Ditto and Punjab.					
. . . . .	. . . . .	. . . . .	. . . .		
. . . . .	. . . . .	. . . . .	. . . .		

Disposition List of Officers of the Geological

Names of Officers.	Where employed.	Rank and Grade.	Date of first joining the Department.	Strength of Establishment of all Grades.						
				Separately graded.	1st Grade.	2nd Grade.	3rd Grade.	Non-graded Officers.	Office Establishment. Clerks and Draftsmen.	Office Establishment. Pressmen and Servants.
3rd Grade.										
P. Lake, B.A. . . .	Hd.-Quarters	Asst. Supdt., Geol. Survey.	Sept. 27, 1887 .	6 third grade Officers.	...	...	...	...	...	...
P. N. Datta, B.Sc., F.G.S.	Salt Range .	Ditto .	June 25, 1888 .		...	...	...	...	...	...
Vacant . . .	. . . .	Ditto .	...		...	...	...	...	...	...
Vacant . . .	. . . .	Ditto .	...		...	...	...	...	...	...
Vacant . . .	. . . .	Ditto .	...		...	...	...	...	...	...
Vacant . . .	. . . .	Ditto .	...	...	...	...	...	...	...	...
Separately graded.										
F. Noetling, Ph. D. .	Hd.-Quarters	Palæontologist, Geol. Survey.	Feb. 17, 1887 .	...	...	...	...	...	...	...
Non-graded Officers.										
W. R. Bion . . .	Office . .	Registrar, Geol. Survey.	Dec. 12, 1870 .	5 non-graded Officers.	...	...	...	...	...	...
Vacant . . .	. . . .	Artist, Geol. Survey.	...		...	...	...	...	...	...
Kishen Singh . .	Baluchistan .	Sub-Asst., Geol. Survey.	Jan. 7, 1874 .		...	...	...	...	...	...
Hira Lal . . .	Baluchistan .	Ditto .	Jan. 7, 1874 .		...	...	...	...	...	...
T. R. Blyth . . .	Museum .	Museum Asst., Geol. Survey.	Mar. 1, 1884 .		...	...	...	...	...	...

Survey of India on the 1st January 1890—continued.

Where employed during last three years.	Annual cost (salary and travelling allowance of Officers and their Subordinates, if any) from April 1888 to March 1889.			Remarks.
		R a. p.	R. a. p.	
1887-88. Bellary 1888-89. Ditto, Malabar, Baluchistan and Head-Quarters.	Salary and fixed allowance Travelling allowance	4,843 0 6 2,119 13 4	6,962 13 10	Offg. Curator.
1888-89. Head-Quarters, Himalayas and Punjab.	Salary and fixed allowance Travelling allowance	3,174 7 9 1,201 8 0	4,375 15 9	
. . . . .	. . . . .	. . . . .	. . .	
. . . . .	. . . . .	. . . . .	. . .	
. . . . .	. . . . .	. . . . .	. . .	
. . . . .	. . . . .	. . . . .	. . .	
1887-88. Head-Quarters and U. Burma. 1888-89. Upper Burma and Head-Quarters.	Salary and fixed allowance Travelling allowance Interpreter's pay, &c.	1,690 0 0 2,414 11 1 684 11 5	4,789 7 4	
1886-87. Office 1887-88. Ditto 1888-89. Ditto	Salary		4,800 0	
. . . . .	. . . . .	. . . . .	. . .	
1886-87. Mandla and Seoni 1887-88. Chhindwara and Balaghat 1888-89. Balaghat and Baluchistan	Salary Travelling allowance Chaprassi allowance	2,400 0 0 554 0 6 147 0 0	3,101 0 6	
1886-87. Chhattisgarh. 1887-88. Ditto and Sirguja 1888-89. Sirguja and Baluchistan	Salary Travelling allowance Chaprassi allowance	2,400 0 0 623 6 9 142 3 9	3,165 10 6	
1886-87. Museum 1887-88. Ditto 1888-89. Ditto	Salary		1,680 0 0	

MYSORE REVENUE SURVEY DEPARTMENT.

General List of Officers of the Mysore Revenue

1	2	3	4	5	6	7
Number sanctioned.	Number existing in each grade.	Names of officers and names of substantive appointments.	Passed in the vernacular.	Age.	Date of first appointment to the Department.	Date of appointment to the present grade.
				Y. M. D.		
1	1	Colonel J. P. Grant, Superintendent . . .	All have passed in the vernacular.	51 9 0	Nov. 1, 1863	Jan. 15, 1868
1	1	Colonel J. Rutherford, Deputy Superintendent .		47 11 22	Jan. 25, 1865	April 8, 1881
2	1	Mr. E. H. Butcher, Assistant Settlement Officer .		53 6 2	Oct. 2, 1865	April 1, 1881
...	2	Mr. J. P. Barker, Assistant ditto ditto .		42 3 2	Dec. 22 1866	Nov. 1, 1886

Disposition List of Officers of the Mysore Revenue

1	2	3	4	5	6	7	8	9
			Strength of subordinate establishment in all grades.					
Number.	Establishment.	Where employed.	Sub-Surveyors.	English Clerks.	Karkuns.	Learners.	Mappers.	Peons.
1	Supdt.	Mysore Province	...	2	21	...	...	6
2	Depy. Supdt.	Ditto	...	2	...	...	...	5
3	Record Office.	Ditto	17	...	39	8	27	4
4	A	Mysore and Bangalore Districts . .	34	...	3	...	...	2
5	D	Mysore District	35	...	3	...	...	2
6	F	Ditto	28	...	3	...	...	
7	H	Mysore, Bangalore, Kadur, &c., Districts	30	...	3	...	...	2
8	C	Bangalore District	...	...	...	...	...	...
9	E	Kolar, Bangalore, and Mysore Districts .	21	...	1	...	...	2
10	M	Ditto . . .	18	...		...	...	2
		Total .	183	4	82	8	27	

Survey Department on the 1st January 1890.

8	9	10	11	12	13	14
Period of service counting for pension.	Military pay and allowances.	Staff pay.	Aggregate pay and allowances.	Civil consolidated salary.	Where employed at present.	REMARKS.
Y. M. D.			R a. p.	R a. p.		
...	...	...	1,752 14 0	...	Bangalore.	
...	...	...	1,145 0 0	...	Ditto.	
24 2 29	...	...	...	895 0 0	.....	Retired from the service from 1st November 1889.
20 3 2	...	...	...	895 0 0	.....	Transferred to the Coorg Revenue Survey.

Survey Department on the 1st January 1890.

10	11	12	13	14	15
Actual cost of Party from 1st January to 31st December 1889.	Officer in charge.	No. in General List.	Rank and Grade.	Date of assuming charge.	REMARKS.
R a. p.					
33,292 13 10	Colonel J. P. Grant .	1	Superintendent . .	Nov. 1, 1863	
21,833 10 6	Colonel J. Rutherford .	2	Dy. Superintendent .	July 1, 1865	
25,138 5 8	Mr. Mackay . .	...	Asst. Superintendent, Local, 3rd grade .	July 15, 1886	
17,360 9 1	„ Ramaswamengar .	...	Ditto ditto .	Nov. 1, 1887	
16,691 6 0	„ Shama Rao . .	...	Ditto 2nd grade	Nov. 3, 1885	
19,929 0 5	„ Narain Rao and Mr. Shama Rao.	...	Ditto ditto .	Nov. 1, 1883	
16,549 6 0	„ Abdul Karim .	...	Ditto ditto .	Nov. 1, 1884	
6,083 12 5	„ Butcher . . .	3	Asst. Settlement Officer	Jan. 26, 1867	Returned from furlough on the 9th June, temporarily held charge of an establishment from 20th June to 31st October 1889, and retired from 1st November 1889.
18,643 7 10	„ Barker . .	4	Ditto ditto .	Dec. 1, 1867	Transferred to Coorg Survey from 1st November 1889.
11,446 7 2	„ Appu Raw . .	...	Asst. Commissioner .	Aug. 1, 1882	
1,86,968 14 11					

Gradation List of the Covenanted Civilians of the Presidencies of Bengal, Madras, and Bombay, holding Appointments under the Government of India, as it stood on the 1st January 1890.

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
		Class I.	1854-55.		R a. p.	R
B.	1	The Hon'ble H. T. Prinsep	7th Dec. '55	Judge of the High Court of Judicature at Fort William	4,166 10 8	
B.	2	The Hon'ble Sir Steuart Colvin Bayley, K.C.S.I., C.I.E.	4th Mar. '56	Lieutenant-Governor of Bengal	8,333 5 4	
B.	3	The Hon'ble L. R. Tottenham	11th July '56	Judge of the High Court of Judicature at Fort William	4,166 10 8	
A.	4	The Hon'ble J. W. Quinton, B.A.	16th Nov. '56	Chief Commissioner of Assam	4,166 0 0	
			1855-56.			
B.	5	The Hon'ble W. Macpherson	30th Nov. '56	Judge of the High Court of Judicature at Fort William	3,750 0 0	
N.	6	The Hon'ble Sir Charles Alfred Elliott, LL.B., K.C.S.I.	30th Nov. '56	Ordinary Member of the Governor General's Council	6,400 0 0	
N.	7	The Hon'ble Sir Auckland Colvin, K.C.M.G., C.I.E.	27th Jan. '58	Lieutenant-Governor of the North-Western Provinces and Chief Commissioner of Oudh	8,333 0 0	
		Class II.	1857-58.			
N.	8	The Hon'ble Sir J. B. Lyall, K.C.S.I.	8th April '58	Lieutenant-Governor of the Punjab and its Dependencies	8,333 0 0	+ 250 + 500
B. B.	9	Sir C. H. T. Crosthwaite, K.C.S.I.	29th Dec. '57	Chief Commissioner, Burma	6,666 10 8	+ 500
			1858-59.			
H.	10	D. Fitzpatrick, C.S.I.	29th Jan. '59	Resident at Hyderabad	4,000 0 0	+ 1,000
			1861.			
N.	11	F. Henvey	31st Oct. '61	Resident, 1st class, and Agent, Governor General, Central India, Indore	4,000 0 0	+ 250
B. B.	12	W. E. Ward, M.A., C.S.I.	29th Nov. '61	Judl. Commissioner, Burma	2,500 0 0	+ 380
B.	13	The Hon'ble H. Beverley, M.A.	31st Oct. '61	Judge of the High Court of Judicature at Fort William	3,750 0 0	

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, *&c.—continued.*

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.			Remarks.
		Class II—*contd.*	1861.		R	a.	p.	R
N.	14	Sir E. C. Buck, Kt.	2nd Feb. '62	Secretary to Government of India, Revenue and Agricultural Department	4,166	0	0	
B.	15	The Hon'ble J. O'Kinealy	2nd Feb. '62	Judge of the High Court of Judicature at Fort William. (President, Board of Examiners, 10th April 1885)	3,750	0	0	
			1862.					
B.	16	A. Mackenzie, B.A., C.S.I.	11th Dec. '62	Chief Commissioner, Central Provinces	4,166	0	0	+500
N.	17	E. F. T. Atkinson, B.A., C.I.E.	21st Jan. '63	Accountant General, 1st class, Bengal	2,750	0	0	+250
C. P.	18	C. W. McMinn, B.A.	21st Jan. '63	Deputy Commissioner, 1st class, Central Provinces. (*On furlough*)	1,833	0	0	
P.	19	T. W. Rawlins	11th Jan. '63	Accountant General, 1st class, Madras, and Deputy Commissioner of Paper Currency	2,750	0	0	
			1863.					
B.	20	The Hon'ble Sir David Miller Barbour, K.C.S.I.	20th Dec. '63	Ordinary Member, Governor General's Council	6,400	0	0	
P.	21	A. C. Roe, B.A.	22nd Nov. '63	Judge, Chief Court, Punjab	3,500	0	0	
C. P.	22	R. J. Crosthwaite, B.A. (*Barrister-at-Law*).	30th Oct. '63	Judicial Commissioner, Central Provinces. Addl. Member of the Governor General for making Laws and Regulations.	3,166	0	0	+616
P.	23	J. Frizelle	20th Dec. '63	Judge, Chief Court, Punjab	3,500	0	0	
			1864.					
C. P.	24	J. W. Neil	24th Nov. '64	Commissioner, Central Provinces, Jubbulpore Division. (Officiating Judicial Commissioner, Central Provinces.)	2,500	0	0	+63
B. B.	25	F. W. R. Fryer (*Barrister-at-Law*)	28th Nov. '64	Financial Commissioner, Burma	3,000	0	0	
C. P.	26	F. Venning	24th Nov. '64	Commissioner, Central Provinces, Nagpore	2,500	0	0	
C. P.	27	T. E. Ellison	17th Oct. '64	Deputy Commissioner, 3rd class, Central Provinces, Chhindwara.	1,333	0	0	+266
B. B.	28	G. J. S. Hodgkinson, C.S.I.	25th Nov. '64	Commissioner, Pegu Division, Burma	2,500	0	0	+250
			1865.					
B. B.	29	H. St. G. Tucker	3rd Dec. '65	Commissioner, Eastern Division, Upper Burma, Pyinmana. (*Furlough for 2 years, from 26th April 1889.*)				
B.	30	A. P. MacDonnell, M.A., C.S.I.	1st Nov. '65	Secretary to the Government of India, Home Department	4,000	0	0	

		CLASS III.	1867.			
B. B.	31	J. J. D. LaTouche, B.A.	4th Dec. '67	Commissioner, Southern Division, Upper Burma, Minbu	2,500 0 0	+250
A.	32	C. J. Lyall, M.A., LL.D., C.I.E.	4th Dec. '67	Secretary to the Chief Commissioner of Assam. (Officiating Judge, and Commissioner, Assam Valley Districts). On deputation to Port Blair	2,000 0 0	+500 + 250
B. B.	33	D. M. Smeaton, M.A.	22nd Nov. 67	Commissioner, Upper Burma, Central Division	2,500 0 0	+250
C. P.	34	L. Neill	30th Oct. '67	Secretary to the Chief Commissioner, Central Provinces. (Officiating Commissioner, Jubbulpore Division)	2,000 0 0	+500 + 250
A.	35	H. Luttman-Johnson	4th Dec. '67	Judge and Commissioner, Assam Valley Districts, Gauhati. (*Furlough for 1 year and 6 months, from 31st July 1888.*)		
			1868.			
B.	36	T. J. Chichele Plowden	31st Oct. '68	Commissioner, Hyderabad Assigned Districts	2,750 0 0	+250 T. A.
			1869.			
N.	37	E. J. Sinkinson, B.A., LL.D.	13th Nov. '69	Secretary, Government of India, Department of Finance and Commerce. (*On privilege leave*)	4,000 0 0	
A.	38	F. C. Daukes	8th Dec. '69	Deputy Commissioner, 1st grade, Assam. (Officiating Secretary to Chief Commissioner).	1,833 5 4 166 10 8 2,000 0 0	
N.	39	R. Logan	23rd Oct. '69	Accountant General (Class II), Punjab, and Deputy Commissioner, Paper Currency	2,500 0 0	
C. P.	40	J. P. Goodridge	25th Oct. '69	Deputy Commissioner, 4th class, Raipur. (Political Agent, Chattisgarh Feudatories)	800 0 0	+450
A.	41	H. R. Greaves	19th Jan. '70	District and Sessions Judge, Sylhet, and Sessions Judge, Cachar	2,000 0 0	
N.	42	S. H. James	31st Oct. '70	Secretary to the Government of India, Legislative Department	3,500 0 0	
B. B.	43	G. D. Burgess	9th Nov. '70	Commissioner (Mandalay), Northern Division, Upper Burma. (*Furlough for 2 years, from 23rd February 1888.*)		
C. P.	44	D. O. Meiklejohn	25th Nov. '70	Deputy Commissioner, 4th class, Bilaspur	1,200 0 0 Includes pl. allowance.	
		CLASS IV.	1871.			
B. B.	45	G. L. Weidemann	23rd Nov. '70	Deputy Commissioner, 2nd grade, Burma. (*Furlough for 19 months, from 15th March 1889.*)		

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued*.

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
		Class IV—*contd.*	1871.		R a. p.	
B	46	S. Jacob	16th Nov. '71	Accountant General, Bombay. (*Furlough for 10 months, from 17th May 1889*).		
C. P.	47	F. C. Anderson . . .	31st Oct. '71	Commissioner of Excise, Inspector-General of Registration and Superintendent of Stamps, Central Provinces. (*Furlough for 1 year, 6 months and 14 days, from February 1889.*)		
C. P.	48	A. H. L. Fraser, M.A. (*Barrister-at-Law*).	23rd Oct. '71	Junior Secretary to the Chief Commissioner, Central Provinces, and Director of Land Records and Agriculture. (Officiating Commissioner, Chhattisgarh Division)	1,500 0 0	+916
N.	49	A. U. Fanshawe . . .	28th Oct. '71	Director General of the Post Office of India	3,000 0 0	
A.	50	H. C. Williams . . .	25th Oct. '71	Deputy Commissioner, 1st grade, Inspector-General of Jails, Superintendent, Stamps and Registration, and Commissioner of Excise, Assam	1,833 0 0	
			1872.			
B.	51	Sir H. M. Durand, K.C.I.E., C.S.I. *Barrister-at-Law*).	3rd Mar. '72	Secretary to the Government of India, Foreign Department (*on furlough*)	4,000 0 0	
A.	52	J. K. Wight, B.A. . . .	4th Dec. '72	Deputy Commissioner, 2nd grade, Sibsagar, Assam. (Officiating ditto, 1st grade)	1,666 10 8	+166
			1873.			
B.	53	H. M. Kisch, M.A. (*Barrister-at-Law*).	24th Oct. '73	Postmaster-General, Bengal, 1st grade	1,800 0 0	+ 200 (H. R.)
B. B.	54	A. R. Birks, B.A. (*Barrister-at-Law*).	29th Oct. '73	Deputy Commissioner, 2nd grade, Burma, Bassein. (Offg. 1st grade).	1,666 0 0	+ 166
C. P.	55	L. K. Laurie (*Barrister-at-Law*)	27th Oct. '73	Assistant Commissioner, 1st class, Nagpore. (Officiating Secretary to Chief Commissioner, Central Provinces) . . .	800 0 0	+ 800*
A.	56	G. Godfrey	23rd Oct. '73	Deputy Commissioner, 2nd grade, Assam, Goalparah, Dhubri (Officiating 1st grade)	1,666 0 0	+ 166
B. B.	57	F. S. Copleston . . .	23rd Oct. '73	Deputy Commissioner, 2nd grade, Burma, Myingyan, on special duty	1,666 10 8	

H.	58	R. Obbard, B.A.	27th Dec. '73	Special Assistant Commissioner, Hyderabad Assigned Districts. (Officiating Deputy Commissioner, 3rd class, also Civil and Sessions Judge, Amraoti)	1000	0	0	+ 555
			1874.					
N.	59	H. S. Barnes	30th Oct. '74	Political Agent, 3rd class, Quetta and Pishin. Sub. *pro tem.* ditto, 2nd class. (Offg. Under-Secretary to Government of India, Foreign Department)	1,000	0	0	+ 466
B.	60	C. M. W. Brett (*Barrister-at-Law*)	30th Nov. '74	Registrar, High Court, Appellate Side	1,700	0	0	
A.	61	J. Kennedy	23rd Oct. '74	Deputy Commissioner, 3rd grade, Assam, Sylhet. (Offg. 2nd grade)	1,333	0	0	+ 333
B. B.	62	D. Norton	24th Nov. '74	Deputy Commissioner, 3rd grade, Burma, Rangoon Town. (Offg. 2nd grade)	1,333	5	4	+ 333
C. P.	63	J. B. Fuller	13th Nov. '75	Commissioner of Settlements and Agriculture, Central Provinces, Nagpore	1,900	0	0	*
			1875.					
B.	64	H. Farrer	15th Nov. '75	Postmaster General, 2nd grade, Madras. *Privilege leave for 3 months, from 9th October 1889*	1,650	0	0‡	+ 100
N.	65	J. F. Finlay, M.A.	17th Nov. '75	Deputy Secretary, Government of India, Department of Finance and Commerce. (Offg. Secy.)	2,250	0	0	
B. B.	66	E. S. Symes, C.I.E.	23rd Oct. '75	Chief Secretary to the Chief Commissioner, Burma. Offg. Commissioner, Eastern Division, Pyinmana (Burma)	2,000	0	0	+ 500 + 250
B. B.	67	D. L. M. Mackay	8th Nov. '75	Assistant Commissioner, 1st grade, Rangoon, and Cantonment Magistrate	1,100	0	0	
B. B.	68	T. C. Mitchell, M.A.	13th Nov. '75	Assistant Commissioner, 1st grade, Bassein, Burma	1,000	0	0	
A.	69	J. D. Anderson	15th Nov. '75	Deputy Commissioner, 4th grade, Cachar. (Offg. 3rd grade)	1,000	0	0	+ 266
B. B.	70	J. E. Bridges	16th Nov. '76	Deputy Commissioner, 3rd grade, Burma, Prome. (Additional Sessions Judge, Pegu and Irrawaddy Division)	2,250	0	0	
			1876.					
A.	71	R. B. McCabe	30th Nov. '76	Deputy Commissioner, 4th grade, Assam, Darrang, Tezpore. (Officiating ditto, 3rd grade)	1,000	0	0	+ 266
A.	72	F. St. C. Grimwood, M.A.	27th Nov. '76	Deputy Commissioner, 4th grade, Assam, Manipur. (Political Agent, Manipur)	1,000	0	0	+ 150 L. allowance.
B. B.	73	A. M. B. Irwin	24th Nov. '76	Deputy Commissioner, 3rd grade, Burma, Pegu. (Officiating 2nd grade)	1,333	0	0	+ 333

* Pay rises from Rs. 1,500 to Rs. 2,000.
† Includes Rs. 400, rising to Rs. 700 a month, paid from the Revenues of the Feudatory States.
‡ Pay Rs. 1,500, rising to Rs. 1,750, by annual increments of Rs. 50.

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.			Remarks.
					R	a.	p.	R
		Class V.	1877.					
N.	74	J. P. Hewett	17th Dec. '77	Under-Secretary, Government of India, Home Department .	1,300	0	0	
B. B.	75	H. Adamson, M.A. . . .	17th Dec. '77	Deputy Commissioner, 3rd grade, Monywa, Burma. (Officiating ditto, 2nd grade)	1,333	0	0	+ 333
B. B.	76	H. T. White	2nd Jan. '78	Secretary to Chief Commissioner, Burma. (Officiating Chief Secretary)	1,500	0	0	+ 666 10 8
A.	77	H. Z. Darrah, B.A., LL.B. . .	24th Oct. '77	Director, Department of Land Records and Agriculture, Assam .	1,000	0	0	+ 250 T. allowance.
B.	78	O. T. Barrow	3rd Dec. '77	Enrolled Officer, Financial Department, Class II. (Officiating Accountant General, Class III, N.-W. P. and Oudh) . .	1,250	0	0	+ 666
B. B.	79	D. J. A. Campbell . . .	24th Nov. '77	Deputy Commissioner, 3rd grade, Burma. (*Furlough for 2 years, from 4th November 1888.*)				
			1878.					
N.	80	G. R. Irwin	16th Nov. '78	Junior Under-Secretary, Government of India, Foreign Department (sub. *pro tem.*)	1,033	0	0	
B. B.	81	W. T. Hall B.A., LL.D. . .	5th Dec. '78	Director of Land Records and Agriculture, Burma . . .	1,300	0	0	
			1879.					
A.	82	A. Porteous	16th Jan. '79	Assistant Commissioner, 1st grade, Kohima, Naga Hills. (Officiating Deputy Commissioner, 4th grade)	800	0	0	+ 200
A.	83	J. C. Arbuthnot . . .	21st Dec. '79	Assistant Commissioner, 1st grade, Lakhimpur. (Officiating Deputy Commissioner, 4th grade)	800	0	0	+ 200
A.	84	R. S. Greenshields . . .	9th Dec. '79	Assistant Commissioner, 1st grade, Kamrup. (Offg. Depy. Comr. 4th grade.)	800	0	0	+ 200
B.	85	Kavasjee Jamasjee Badshah .	12th Nov. '79	Postmaster General, North-Western Provinces and Oudh (2nd grade).	800	0	0	+ 200
B. B.	86	G. W. Shaw	20th Dec. '79	Deputy Commissioner, 4th grade, Bhamo. (Offg. ditto, 2nd grade)	1,300	0	0*	
B. B.	87	H. L. Eales	30th Oct. '79	Deputy Commissioner, 4th grade, Burma, Tharrawaddy. (Officiating 3rd grade)	1,200	0	0	+ 333
N.	88	W. R. Lawrence . . .	5th Dec. '79	Under-Secretary, Government of India, Department of Revenue and Agriculture	1,200	0	0	+ 133
C. P.	89	H. H. Prist	3rd Dec. '79	Assistant Commissioner, 1st class (Officiating Commissioner of Excise), Sambalpur	1,300	0	0	
					700	0	0	+ 333

A.	90	R. R. Pope	1st Nov. '79	Assistant Commissioner, 1st grade. (*Furlough for 19 months, from 28th April 1888.*) Permitted to return to duty and posted to Hailakandi. (Not joined yet.)			
			1880.				
A.	91	P. G. Melitus	14th Dec. '80	Assistant Commissioner, 2nd grade, Assam. (Officiating Assistant Secretary to Chief Commissioner)	700	0	0	+100
C. P.	92	F. A. Theodore Phillips	11th Nov. '80	Assistant Commissioner, 2nd class, Central Provinces. (Officiating 1st Class, and Registrar, Judicial Commissioner's Court	700	0	0	+200
B. B.	93	C. G. Bayne	27th Dec. '80	Deputy Commissioner, 4th grade. Officiating Secretary to Chief Commissioner	1,200	0	0	+300
			1881.				
C. P	94	A. C. Duff	2nd Jan. '82	Assistant Commissioner, 2nd class, Central Provinces. (*On furlo.*)				
B	95	J. C. E. Branson	16th Jan. '82	Enrolled Officer, Class III. Deputy Accountant General, Bombay	1,000	0	0	+250
A.	96	A. F. Steinberg	30th Dec. '81	Assistant Commissioner, 2nd grade, Assam, Goalpara, Dhubri. (Officiating 1st grade)	700	0	0	+100
			1882.				
B. B.	97	F. C. Gates	18th Dec. '82	Deputy Commissioner, 4th grade, Katha. (Officiating 3rd grade, supernumerary)	1,200	0	0	+133
C. P.	98	L. S. Carey	14th Dec. '82	Settlement Officer, 2nd class, Raipur. Assistant Commissioner, 2nd class)	700	0	0	+300
B. B.	99	W. G. L. Rice	10th Nov. '82	Assistant Commissioner, 1st grade, Burma, Maulmein. (Officiating Deputy Commissioner, 3rd grade)	1,000	0	0	+266
B B.	100	A. E. Hurry, B.A.	25th Oct. '82	Assistant Commissioner, 1st grade, Burma. (Officiating Deputy Commissioner, 3rd grade, Kindat)	1,000	0	0	+266
A.	101	A. W. Davis	14th Dec. '82	Assistant Commissioner, 2nd grade, Mokokchang, Kohima, Naga Hills. (Officiating ditto, 1st grade)	700	0	0	+100+100
B. B.	102	A. S. Fleming	13th Dec. '82	Assistant Commissioner, 1st grade, Burma. (Officiating Deputy Commissioner, 3rd grade, Pokakku)	1,000	0	0	+266
B. B.	103	H. P. Todd-Naylor	14th Dec. '82	Assistant Commissioner, 1st grade, Burma. (Officiating Deputy Commissioner, 3rd grade, Magwe)	1,000	0	0	+266
I.	104	E. G. Colvin	4th Jan. '82	First Assistant to Governor General's Agent, Biluchistan (Political Assistant, 3rd class (sub *pro tem*). (Offg. 3rd class)	500	0	0	+100 + 150
C. P.	105	M. W. Fox Strangways	26th Nov. '82	Assistant Commissioner, 2nd class, Jubbulpore. Settlement Officer, 3rd grade	600	0	0	+100
C. P.	106	A. L. Saunders	27th Nov. '82	Under-Secretary to Chief Commissioner, Central Provinces. Officiating Deputy Commissioner, Balaghat	800	0	0	+200
C. P.	107	A. S. Womack	5th Dec. '82	Assistant Commissioner, 3rd class, Central Provinces (Officiating Deputy Commissioner, 4th class), Bhandra	600	0	0	+200

Rs. 1,100, rising to Rs. 1,750.

GRDAATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.			Remarks.
		Class V—*contd.*	1883.		R	a.	p.	R
C. P.	108	T. C. Wilson	26th Nov. '83	Assistant Commissioner, 3rd class, Sambalpur, Central Provinces. (Officiating Assistant Commissioner, 2nd class, and Settlement Officer, 3rd grade)	500	0	0	+200+100
B. B.	109	H. S. Hartnoll. . . .	22nd Nov. '83	Assistant Commissioner, 1st grade, Burma. (Officiating Deputy Commissioner, 3rd grade, Minbu)	1,000	0	0	+266
A.	110	W. Teunon	24th Dec. '83	Assistant Commissioner, 2nd grade, Assam. Sub-Divisional Officer, Hailakandi (Officiating 1st grade)	700	0	0	+100
B. B.	111	A. T. A. Shaw	13th Dec. '83	Assistant Commissioner, 1st grade, Bassein. (Officiating Deputy Commissioner, 3rd grade)	1,000	0	0	+266
			1884.					
B. B.	112	N. G. Cholmeley, B.A. . .	22nd Dec. '84	Assistant Commissioner, 1st grade, Yamethin. (Officiating Deputy Commissioner, 3rd grade)	1,000	0	0	+266
A.	113	J. L. Herald	24th Dec. '83	Assistant Commissioner, 2nd grade. Sub-Divisional Officer, South Sylhet	700	0	0	
C. P.	114	R. H. Craddock . . .	1st Dec. '84	Assistant Commissioner, 3rd class, Central Provinces. (Officiating Assistant Commissioner, 2nd class, and Assistant to the Commissioner of Settlements and Agriculture)				
A.	115	E. A. Gait	11th Dec. '84	Assistant Commissioner, 2nd grade, Assam, Shillong. (On special duty)	700	0	0	
B. B.	116	D. H. R. Twomey . . .	22nd Dec. '84	Under-Secretary to Chief Commissioner, Burma . . .	1,000	0	0	
C. P.	117	H. A. Crump	10th Nov. '85	Assistant Commissioner, 3rd class, Central Provinces, Jubbulpore. (Officiating Assistant Commissioner, 2nd class) . .	600	0	0	+100
B.	118	H. R. H. Coxe . . .	1st Nov. '84	Under-Secretary to Chief Commissioner, Burma . . .	1,000	0	0	
B.	119	F. C. Harrison . . .	27th Nov. '84	Assistant Accountant General, Madras. (Enrolled Officer of the Financial Department, Class IV (Offg. class III) . . .	800	0	0	+200
			1885.					
A.	120	G. Gordon	4th Dec. '85	Assistant Commissioner, 3rd grade, Assam. Sub-Divisional Officer, Barbetta (Officiating 2nd grade)	500	0	0	+200
A.	121	C. W. E. Pittar . . .	31st Oct. '84	Assistant Commissioner, 3rd grade. Sub-Divisional Officer, Habiganj. (Officiating 2nd grade)	500	0	0	+200
B. B.	122	A. P. Pennel, B.A. . . .	26th Nov. '86	Assistant Commissioner, 2nd grade Akyab. (Officiating 1st grade)	700	0	0	+200
C. P.	123	J. A. C. Skinner . . .	28th Oct. '85	Assistant Commissioner, 4th class, Raipur. (Officiating 2nd class	500	0	0	+200

C. P.	124	H. V. Drake-Brockman, B.A., LL.B.	10th Dec. '86	Assistant Commissioner, 4th class, Central Provinces, Saugor. (Officiating Assistant Commissioner, 3rd class)	500	0	0	+100
A.	125	W. B. Brown	8th Dec. '86	Assistant Commissioner, 3rd class, Assam. Sub-Divisional Officer, North Lakhimpur. (Officiating 2nd grade)	500	0	0	+200
B.	126	W. H. A. St. John Leeds	10th Dec. '85	Assistant Commissioner, 3rd grade, Allanmyo. (Officiating ditto, 1st grade)	600	0	0	+266
B. B.	127	D. Wilson, M.A.	4th Feb. '86	Assistant Commissioner, 3rd grade, Burma, Thatôn. (Officiating 1st grade)	600	0	0	+266
A.	128	W. H. Cossins	20th Jan. '86	Assistant Commissioner, 3rd grade, Assam. Sub-Divisional Officer, Karimganj. (Officiating 2nd grade)	500	0	0	+200
A.	129	H. E. Ransom	12th Dec. '85	Assistant Commissioner, 3rd grade. Sub-Divisional Officer, Darrang (Mangaldai)	500	0	0	
			1886.					
A.	130	H. LeMesurier	9th Nov. '86	Assistant Commissioner, 3rd grade, (Assam). Second Officer, Cachar	500	0	0	
B. B.	131	E. C. S. George	7th Mar. '87	Assistant Commissioner, 4th grade, Burma, Mandalay. (Officiating ditto, 1st grade)	500	0	0	+333
B.B.	132	J. M. T. George	18th Dec. '88	Assistant Commissioner, 4th grade, Pyapon	475	0	0	
			1887.					
C. P.	133	H. M. Laurie, B.A. (*Barrister-at-Law*).	3rd Dec. '87	Assistant Commissioner, 4th class, Wardha, Central Provinces. (Officiating Assistant Commissioner, 3rd class)	500	0	0	+100
B. B.	134	F. McBlaine	29th Nov. '86	Assistant Commissioner, 4th grade, Burma, *en route* to Mandalay	500	0	0	
C. P.	135	H. O'Beirne	10th Dec. '87	Assistant Commissioner, 4th class. (On special leave to Europe)	400	0	0	
B. B.	136	C. C. Lowis	9th Jan. '88	Assistant Commissioner, 4th grade, Burma, Paungbyu	450	0	0	
C. P.	137	C. W. Edmonstone Montgomery	7th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Hoshangabad	400	0	0	
C. P.	138	F. G. Sly	16th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Sambalpur	400	0	0	
C. P.	139	C. R. Cleveland	5th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Bilaspur. (Officiating 3rd class)	500	0	0	+100
C. P.	140	E. A. De Brett	...	Assistant Commissioner, 4th class, Raipur	400	0	0	
B.	141	H. G. W. Herron	27th Dec. '87	Assistant Commissioner, 4th grade, Burma, Pyuntaza	475	0	0	
A.	142	F. C. Henniker	6th Dec. '87	Assistant Commissioner, 3rd grade, Assam. Sub-Divisional Officer, Jorhat	450	0	0	
			1888.					
B. B.	143	W. H. Dawson	18th Oct. '88	Assistant Commissioner, 4th grade, Burma, Rangoon. (On special duty). (Officiating 3rd grade)	500	0	0	+100
B. B.	144	B. P. Standen	18th Oct. '88	Assistant Commissioner, 4th grade, Meiktila	450	0	0	
B. B.	145	B. C. M. Symes	12th Dec. '88	Assistant Commissioner, 4th grade, Burma, Salim	450	0	0	
			1889.					
B. B.	146	E. A. Moore	25th Nov. '89	Assistant Commissioner, 4th grade, Burma, Myingyan	450	0	0	
B. B.	147	A. Gaitskell	9th Dec. '89	Assistant Commissioner, 4th grade, Burma, Magwe	450	0	0	
B. B.	148	H. L. Saunders	30th Nov. '89	Assistant Commissioner, 4th grade, Burma, Tharrawaddy	450	0	0	

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*concluded.*

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
		Class V—*contd.*	1889.		R a. p.	R
B. B.	149	M. Lawrie	9th Dec. '89	Assistant Commissioner, 4th grade, Burma, Bassein	450 0 0	
A	150	F. C. French	...	Assistant Commissioner, 3rd grade. Second Officer, Tezpur (not joined)	400 0 0	
B. B.	151	W. J. S. Pyper	...	Assistant Commissioner, 4th grade (not joined).		
B. B.	152	G. E. R. G. Brown	9th Dec. '89	Assistant Commissioner, 4th grade, Burma, Pegu	450 0 0	
A.	153	A. L. Medlicott	26th Nov. '89	Assistant Commissioner, 3rd grade. Second Officer, Lakhimpur	400 0 0	
B. B.	154	H. G. A. Leveson	14th Dec. '89	Assistant Commissioner, 4th grade, Burma, Thayetmyo	450 0 0	
C. P.	155	W. C. Patterson	21st Dec. '89	Assistant Commissioner, 4th class, Saugor	400 0 0	
A.	156	R. V. Nicholls	9th Nov. '89	Assistant Commissioner, 3rd grade. Second Officer, Sylhet	400 0 0	
C. P.	157	A. B. Napier	30th Sept. '89	Assistant Commissioner, 4th class, Nagpore	400 0 0	
C. P.	158	E. H. Blakesley	4th Nov. '89	Assistant Commissioner, 4th class, Jubbulpore	400 0 0	
C. P.	159	C. W. Burn	5th Dec. '89	Assistant Commissioner, 4th class, Narsingpur	400 0 0	
			MADRAS.			
	1	The Hon'ble Philip Perceval Hutchins (*Barrister-at-Law*), C.S.I.	27th Feb. '58	Ordinary Member of the Council of the Governor General of India	6,400 0 0	
	2	A. F. Cox	3rd Nov. '71	Offg. Accountant General and Commissioner of the Department of Issue of State Paper Currency, Bombay, 3rd class. (Officiating 2nd class)	2,250 0 0	+250 + 250
	3	A. H. T. Martindale	10th Nov. '75	Political Agent, 3rd class. (Officiating Political Agent, 2nd class. First Assistant to the Governor General's Agent, Central India)	1,000 0 0	+ 200
	4	B. Houghton	23rd Jan. '85	Assistant Commissioner, 2nd grade, Sandoway. (Officiating Deputy Commissioner, 4th grade)	700 0 0	+ 333
	5	A. F. Pinhey	3rd Nov. '84	Assistant Commissioner, 2nd grade, Myingyan. (Officiating Deputy Commissioner, 4th grade)	700 0 0	+ 333
			BOMBAY.			
	1	A. D. Carey	9th Nov. '65	Commissioner, Northern India Salt Revenue, Agra	2,500 0 0	+ 250
	2	A. Wingate, C.I.E.	8th Nov. '69	Settlement Officer, Kashmir. (*On furlough*)	1,800 0 0	+ 150

	3	J. A. Baines, M.A.	12th Nov. '70	Census Commissioner for India	2,500	0	0	
	4	W. J. Cuningham	21st Nov. '70	Under-Secretary to the Government of India, Foreign Department. (Offg. Secy.)	1,500	0	0	+1,666
	5	W. P. Symonds	16th Nov. '76	Post Master General, Bombay, 2nd grade	1,500	0	0	+125
	6	J. W. P. M. Mackenzie, M.B.A.C.	28th Nov. '76	Under-Secretary to the Government of India in the Revenue and Agricultural Department	1,300	0	0	
	7	E. Lawrence, B.A.	12th Nov. '78	Under-Secretary to the Government of India, Department of Finance and Commerce	1,300	0	0	
	8	J. A. Crawford	17th Sept. 78	Junior Under-Secretary to the Government of India, Foreign Department. (Officiating Political Agent, 2nd class, 1st Assistant Secretary for Berars to the Resident at Hyderabad)	1,200	0	0	+450
	9	R. A. Lamb	21st Oct. '79	Deputy Commissioner, 4th grade, Sagaing. (Officiating 2nd grade)	1,200	0	0	+333
	10	W. T. Morison	2nd Dec. '81	Deputy Commissioner, 4th grade, Burma, Shwebo. (Officiating 3rd grade)	1,200	0	0	+133
	11	A. L. P Tucker	28th Dec. '82	Settlement Officer, Kotputti, Jeypore	1,000	0	0	
	12	S. St. John Westlake	19th Oct. '86	Assistant Commissioner, 3rd grade, Wundwin. (Officiating 1st grade, Burma	600	0	0	+266
	13	G. Carmichael	...	Assistant Commissioner, 4th grade, Kyaikto. (Officiating 2nd grade)	500	0	0	+200
	14	A. R. Bonus	...	Assistant Commissioner, 4th grade, Yenangyaung. (Officiating 2nd grade)	500	0	0	+200

Officers officiating to fill vacancies and on deputation under the Government of India.

B.	1	The Hon'ble F. M. Halliday	30th Oct. '56	Additional Member, Governor General's Council	2,916	0	0	+800
P.	2	A. H. Benton, M.A.	10th Sep. '63	Additional Judge, Chief Court, Punjab	2,500	0	0	+1,000
B.	3	C. S. Bayley (*Barrister-at-Law*)	31st Dec. '77	Additional Political Agent, 1st class, and Political Agent, Ajmere, Bikaneer	1,200	0	0	

N.B.—"A." stands for Assam, "B." for Bengal, "B. B." for Burma, "C. P." for Central Provinces, "H." for Hyderabad, "N." for North-Western Provinces, "P." for Punjab.

History of Services of Gazetted Officers serving under the Government of India, in the Home, Legislative, and Revenue and Agricultural Departments, corrected to 1st January 1890.

HOME DEPARTMENT.

ANTHONY PATRICK MACDONNELL, M.A., C.S.I.—Arrived, 3rd November 1865; Junior Civil Servant 3rd November 1865; passed in one language, 1st February 1866; qualified for the public service, 2nd July 1866; Assistant Magistrate and Collector, Monghyr, 1st August 1866; passed the lower standard, 1st June 1868. Assistant Magistrate and Collector, Nuddea, 3rd June 1868; passed the higher standard in October 1868; Assistant Commissioner, Hazaribagh, 11th December 1868; Assistant Magistrate and Collector, Pubna, 9th July 1869; Officiating Joint Magistrate and Deputy Collector, 2nd grade, 31st August 1869; Assistant Magistrate and Collector, Pubna, 9th December 1869; Officiating Joint Magistrate and Deputy Collector, 2nd grade, 1st April 1870; Officiating Joint Magistrate and Deputy Collector, 1st grade, Mymensing, 14th April 1870; Officiating Magistrate and Collector, Mymensing, 25th April 1870; Officiating Joint Magistrate and Deputy Collector, Mymensing, 1st grade, 2nd May 1870; Assistant Magistrate and Collector, Mymensing, continuing to officiate as Joint Magistrate and Deputy Collector, 1st grade, 30th June 1871; furlough, from 5th July 1872 to 18th October 1873; Assistant Magistrate and Collector of Tirhoot, 30th October 1873; Officiating Joint Magistrate and Deputy Collector, 1st grade, 1st November 1873; Joint Magistrate and Deputy Collector, 2nd grade, continuing to act in the 1st grade, 1st September 1874; Officiating Magistrate and Collector, 3rd grade, Durbhunga, 11th January 1875; on special duty in the Bengal Secretariat, 25th May 1875; Officiating Magistrate and Collector, Durbhunga, 9th March 1876; Joint Magistrate and Deputy Collector, 1st grade, continuing to officiate as Magistrate and Collector of the 3rd grade, Durbhunga, 11th August 1876; Officiating Magistrate and Collector, 2nd grade, 30th August 1877; furlough, from 15th May 1878 to 3rd November 1879; Officiating Magistrate and Collector, 3rd grade, Sarun, 13th November 1879; Officiating Magistrate and Collector, 2nd grade, 14th February 1880; Officiating Magistrate and Collector, 3rd grade, 18th November 1880. Services placed at the disposal of the Government of India, in the Department of Finance and Commerce, 10th May 1881; Officiating Accountant General, Bengal, 20th May 1881; services replaced at the disposal of the Government of Bengal, 31st August 1881; Officiating Secretary to the Government of Bengal, Revenue and General Departments, 1st September 1881; services placed at the disposal of the Government of India, in the Department of Finance and Commerce, 6th January 1882; Officiating Accountant General, Bengal, 4th January 1882. Services replaced at the disposal of the Government of Bengal, 26th April 1882; Officiating Secretary, Government of Bengal, General and Revenue Departments, 27th April 1882; privilege leave for three weeks, from 10th March 1884; Magistrate and Collector, 3rd grade, but continued to act as Secretary to the Government of Bengal, Revenue and General Departments, 25th May 1884; Secretary, Government of Bengal, General and Revenue Departments, 29th July 1884; Member of the Lieutenant-Governor's Council, and Secretary, Government of Bengal, General and Revenue Departments, 13th October 1884; privilege leave for three months, from 13th July 1885; Officiating Secretary, Government of India, Home Department, 5th March 1886; confirmed as Secretary, Home Department, 24th March 1887. Privilege leave for two months and 13 days, from 11th January 1888. Privilege leave for 20 days from 18th March 1889. Officiating Chief-Commissioner, Burmah, 1st August 1889; Secretary, Government of India, Home Department, 16th December 1889.

JOHN PRESCOTT HEWETT.—Joined the service, 29th August 1877; arrived in India, 17th December 1877; attached to North-Western Provinces, 26th October 1877; posted as an Assistant Magistrate and Collector to Agra, and invested with the powers of a Magistrate of the 3rd class, and with those of an Assistant Collector, 2nd class, 20th December 1877; invested with the powers of a Magistrate of the 2nd class, and with those of an Assistant Collector, 1st class, 10th May 1878; passed the Departmental examination by the higher standard in all subjects, 3rd January 1879; invested with the powers of a Magistrate of the 1st class, 20th January 1879; transferred to Bulandshahr, 29th July 1879; transferred to Agra, 15th November 1879; privilege leave from 8th August to 13th September 1880; transferred to Muttra, 16th October 1880;

retransferred to Agra, 23rd November 1880; privilege leave from 9th May to 17th July 1880; transferred as Assistant Commissioner of Tarai, 1st December 1881; examination leave, from 1st to 4th April 1882; appointed to act as Additional Assistant Commissioner at Naini Tal, in addition to his other duties, from 8th May 1882; held charge of Naini Tal in addition to his own duties, during the absence on leave of Mr. Casey, from 5th June to 3rd September 1883; appointed in the meanwhile to the charge of the Provincial Gazetteer, North-Western Provinces and Oudh, in addition to his other duties, 7th August 1883; Assistant Commissioner, Fyzabad, 3rd February 1884; Junior Secretary, Board of Revenue, North-Western Provinces and Oudh, 11th April 1884; privilege leave for three months, from 1st April 1885; Officiating Under-Secretary, Government of India, Home Department, 27th October 1886, confirmed as Under-Secretary, Home Department, 20th August 1887. Privilege leave for one month, from 9th April 1888. Officiating Private Secretary to His Excellency the Viceroy and Governor-General of India, 9th October 1888; Under-Secretary to the Government of India in the Home Department, 18th December 1888. Privilege leave from 6th February 1889 to 18th March 1889. Officiating Secretary to the Government of India, Home Department, 18th March 1889. Under-Secretary to the Government of India, Home Department, 6th April 1889.

HOME—MEDICAL DEPARTMENT.

SURGEON-GENERAL SIR BENJAMIN SIMPSON, B.A., M.D., K.C.I.E., *Indian Medical Service.*

Dates of Commission.

Assistant Surgeon	20th October 1853.
Surgeon	26th September 1864
Surgeon-Major	1st July 1873.
Brigade-Surgeon	27th November 1879.
Deputy Surgeon-General	31st March 1882.
Surgeon-General	29th March 1885.

Appointments.—Regimental duty with Artillery Recruits, 10th Bengal Cavalry, and 39th, 70th and 68th Native Infantry, 1853 to 1856; Civil Surgeon, 24-Pergunnahs, Darjeeling and Patna, 1860 to 1881; Deputy Surgeon-General, Southern Afghanistan Field Force and Quetta Division, 1881; Civil Surgeon of Patna, 10th December 1881 to 31st March 1882; Deputy Surgeon-General and Sanitary Commissioner, Central Provinces, Nagpur, 3rd April 1882 to 3rd April 1883; Officiating Surgeon-General, Bengal, 9th April 1883 to 20th August 1883; Surgeon-General, Punjab, 29th August 1883 to 25th October 1884; Surgeon-General, Bengal, 26th October 1884 to 28th March 1885; Sanitary Commissioner with the Government of India, 29th March 1885 to date; furlough, medical certificate, 183 days, from 20th April 1888.

War Services.—Bhutan Campaign, 1865; in medical charge, Runjeet and Teesta outposts.—(Frontier medal and clasp.)

SURGEON-MAJOR ARTHUR BARCLAY, M.B., *Indian Medical Service.*

Dates of Commission.

Surgeon	30th September 1874.
Surgeon-Major	30th September 1886.

Appointments.—Candidate, Army Medical School, 30th September 1874 to 9th February 1875; awaiting orders and *en route* to Calcutta, 10th February 1875 to 28th March 1875; Presidency General Hospital, Calcutta, 29th March 1875 to 23rd May 1875; Regimental duty with Bengal Sappers and Miners, 5th, 8th and 9th Regiments, Native Infantry, 1st and 2nd Regiments, Central India Horse, 45th, 29th Regiments, Native Infantry, and 6th B.C., 24th May 1875 to 1st February 1880; Civil Medical charge, Deoli (temporary), 2nd February 1880 to 12th May 1880; Officiating Medical charge, 6th Regiment, Bengal Cavalry, 13th May 1880 to 5th November 1880; at the disposal of Bengal Government, 6th November to 19th November 1880; Officiating Civil Surgeon, Jessore, 20th November 1880 to 9th August 1881; Officiating 2nd Resident Surgeon, Presidency General Hospital, 10th August 1881 to 2nd March 1882; 2nd Resident Surgeon, Presidency General Hospital, 3rd March 1882 to 15th March 1882; Officiating Professor of Physiology, Calcutta Medical College, 16th March 1882 to 28th March 1883; Officiating Secretary to Surgeon-General with the Government of India, 1st April 1883; Secretary to Surgeon-General with the Government of India, 1st April 1885 to date; furlough, medical certificate, 1 year, from 22nd January 1888.

War Services.—*Afghan War, 1879-80.*—Capture of Ali Musjid.—Medal with clasp.

SURGEON-MAJOR DAVID WILKIE, M.B., *Indian Medical Service.*

Dates of Commission.

Surgeon	1st April 1873.
Surgeon-Major	1st April 1885.

Appointments.—Candidate, Army Medical School, Netley, 1st April 1873 to 31st July 1873; awaiting orders and *en route* to Bombay, 1st August to 9th November 1873; *en route* Bombay to Calcutta, 10th November to 10th March 1873; Presidency General Hospital, Calcutta, 18th November 1873 to 2nd January 1874; Andaman Islands with convicts, 3rd January 1874 to 6th February 1874; Presidency General Hospital, Calcutta, 7th February 1874 to 8th March 1874; proceeded to Mozaffarpore for duty in connection with famine, 9th March 1874 to 21st March 1875; Officiating Junior Civil Surgeon, Allahabad, 22nd March 1875 to 20th March 1876; Junior Civil Surgeon, Allahabad, 21st March 1876 to 11th February 1877; Officiating Superintendent, Central and District Jails, Benares, 12th February 1877 to 20th April 1877; Officiating Superintendent, Central Jail, Allahabad, 21st April 1877 to 14th October 1877; Officiating Superintendent, Central and District Jails, Benares, Agra, and Bareilly, 8th April 1878 to 7th November 1879; Civil Medical charge, Almorah, 18th November 1879 to 23rd April 1880; Superintendent, Central and District Jails, Benares

and Bareilly, 24th April 1880 to 13th October 1880; Superintendent, Central Prison, Allahabad, 14th October 1880 to 15th January 1881; Officiating Civil Surgeon, Lalitpur, 25th January 1881 to 21st February 1881; Officiating Superintendent, Central Prison, Bareilly, 7th March 1881 to 31st December 1881; Superintendent of Jails, Bareilly, 1st January 1882 to 5th February 1882; Superintendent of Jails, Fatehgarh, Bareilly, and Agra, 4th April 1882 to 31st December 1882; Superintendent of Central Prisons, Agra and Bareilly, from 1st January 1883 to 14th May 1886; Officiating Statistical Officer to the Government of India in the Medical and Sanitary Department, from 15th May 1886 to 13th November 1886; confirmed in the appointment, 14th November 1886. Furlough, private affairs, 1 year, from 4th April 1888.

War Services.—Nil.

SURGEON-MAJOR G. P. MACKENZIE, M.B., C.M., I.M.S.

Dates of Commission.

Assistant Surgeon	1st April 1870.
Surgeon	1st July 1873.
Surgeon-Major	1st April 1882.

Appointments. —Doing duty, Presidency General Hospital, 9th December 1870 to April 1871; Civil employment, Bhagalpore, Debrughar and Rawal Pindi, April 1871 to June 1872; Regimental employment, June 1872 to 31st October 1884; Held following medical charges:—6th Punjab Infantry, 4th Punjab Infantry, 16th Bengal Cavalry, 41st Native Infantry, 6th Native Infantry, 3rd Bengal Cavalry, 4th Native Infantry, Lawrence Military Asylum, Sunawar, 1st November 1884 to 9th November 1886; 4th Bengal Infantry, 10th November 1884 to 8th May 1887; Officiating Senior Medical Officer, Port Blair, 9th May 1887 to 18th December 1889. Confirmed as Senior Medical Officer, Port Blair, 18th December 1889.

War Services.—Nil.

HOME—HIGH COURT.

THE HONORABLE SIR WILLIAM COMER PETHERAM, KNIGHT, Barrister-at-law, Q.C.—Appointed Chief Justice of the High Court, North-Western Provinces, 1st November 1884; transferred to the office of Chief Justice of the Calcutta High Court with effect from 24th March 1886; appointed *Vice*-Chancellor of the University of Calcutta, 3rd June 1887; *privilege leave for 28 days from 25th July 1887.*

THE HONORABLE A. WILSON, Barrister-at-law.—Appointed a Judge of the Calcutta High Court 12th November 1878; *privilege leave from 16th November 1880 to 8th January 1881; furlough to Europe from 13th March 1883 to 12th February 1884; privilege leave for 2 months, from 22nd June 1887; on special duty as Chairman in the Crawford commission case at Poona from 10th September 1888 to 30th January 1889; furlough from 21st March to 8th September 1889.*

THE HONORABLE J. Q. PIGOT, Barrister-at-law.—Appointed a Judge of the Calcutta High Court, 4th May 1882; *furlough on private affairs from 23rd November to 7th December 1882; furlough from 25th June 1886 to 19th March 1887; and further extension for 5 months and 17 days, from 20th March 1887; privilege leave for one month from 16th November 1889.*

THE HONORABLE J. F. NORRIS, Barrister-at-law, Q.C.—Appointed a Judge of the Calcutta High Court, 17th June 1882; *privilege leave from 18th November to 17th December 1883; furlough from 14th September 1885 to 17th January 1886; special leave for 11 months, from 14th September 1886; privilege leave for one month from 11th August 1888.*

THE HONORABLE E. J. TREVELYAN, Barrister-at-law.—Advocate, Calcutta High Court, 1876; Secretary, Board of Examiners, for Pleaders and Mooktears, 1875-1880; Officiating Presidency Magistrate, 1876. Appointed a Judge of the Calcutta High Court, 12th January 1885; *furlough from 5th April to 4th December 1885; privilege leave for one month from 5th August 1889.*

R. BELCHAMBERS, Attorney-at-law, Registrar, Original Side.—Held a subordinate place in the office of the Registrar of the Supreme Court, from 15th September 1848 to 31st December 1849; appointed Deputy Registrar of the Supreme Court (a new office) in February 1851; appointed a Commissioner to take affidavits and affirmations in 1852; appointed Chief Clerk of the Insolvent Court, January 1855, and performed the duties of this office in addition to his duties as Deputy Registrar; appointed to officiate as Accountant General of the Supreme Court and Registrar of the Vice-Admiralty Court on 1st December 1854, and performed the duties of these offices in addition to his other duties; appointed Registrar of the High Court, October 1862 [the office of Deputy Registrar having been merged in that office]; was appointed Keeper of Records and Muniments in January 1863, and as such performed the duties of Registrar of Joint Stock Companies and other Assurances from January 1863 to 2nd February 1865, in addition to his other duties; *leave on medical certificate from 23rd February 1865 to 17th December 1867;* appointed to officiate as Prothonotary, Taxing Officer, Accountant General and Sealer, 23rd November 1867, and performed the duties of those offices in addition to his other duties; permanently appointed Taxing Officer, Accountant General and Sealer, with power to perform such of the duties of the Clerk of the Crown as are not connected with the Criminal Sessions, April 1869, and has since performed the duties of those offices in addition to his duties as Registrar; was relieved of the duties of Chief Clerk of the Insolvent Court, April 1869; has since the abolition of the Master's Office in December 1863 been largely employed to perform the duties of Master and other *quasi*-judicial duties in addition to the duties of his various offices; *privilege leave from 20th November 1874 to 19th February 1875, and from 5th July 1878 to 30th September 1878;* is required to perform further *quasi*-judicial duties under the rules of 1st March 1886. As the official member of the Board of Examiner's has, since November 1867, been in charge of the half-yearly examinations for the admission of attorneys.

Undertook literary work of a public or official character as follows:—

In 1874 prepared a note on "The Bill to consolidate the law relating to the Sheriff and to the execution of decrees of the High Court," which was submitted by the Judges to the Government with a letter, No. 1960, dated 24th July 1874.

At the end of the same year and in the earlier part of 1875, prepared a set of rules of procedure which were adopted by the Court and were mentioned with approval in the report of the working of the Original Side in 1875, and some of which have been embodied in the Civil Procedure Code, Act 14 of 1882.

In 1876 furnished a note on the Civil Procedure Bill, which received special notice in the report of the Select Committee,—*vide Gazette of India*, September 30th, 1876, Part V, page 950.

In 1880 published a book of Rules and Orders of the High Court, with notes and an index, 572 pages, quarto, which was added to the list of subjects of examination both for Vakeels and Attorneys.

In 1884 published a book of "Practice of the Civil Courts," 663 pages, quarto, which was favorably mentioned by the Court in a letter to the Government of Bengal, No. 112, dated 9th April 1885.

LEGISLATIVE DEPARTMENT.

THE HON'BLE ANDREW RICHARD SCOBLE, Q.C., C.S.I.—Called to the Bar at Lincoln's Inn, 26th January 1856; appointed Q. C., 1876; Remembrancer of Legal Affairs at Bombay, 1869-72; Advocate General at Bombay, 1872-77; took upon himself the execution of his office of Ordinary Member of the Council of the Governor General in India, 1st December 1886; took his seat in Council, 16th December 1886.

STEPHEN HARVEY JAMES.—Joined the service, 2nd August 1870; arrived in India, 30th October 1870; attached to the N.-W. Provinces, 30th September 1870; appointed an Assistant in the Meerut Division, and invested with the powers of a Subordinate Magistrate of the 2nd class, and with those of an Assistant Collector, 14th November 1870; posted as Assistant Magistrate and Collector to Meerut, 21st November 1870; invested with the powers of a Subordinate Magistrate of the 1st class, and with those of a Deputy Collector for the trial of suits under Acts X of 1859 and XIV of 1863, 16th May 1871; passed the Departmental Examination by the higher standard in all branches and invested with the full powers of a Magistrate and with those of a Deputy Collector under Regulation IX of 1833, 16th May 1872; transferred to Etah, 17th October 1872; *examination leave from 26th March to 9th April 1874; privilege leave from 16th August to 19th October 1874;* transferred to Allahabad, 2nd November 1874; appointed Junior Secy., Board of Revenue, N.-W. Provinces, 1st May 1875; officiated as Secretary to Board of Revenue, N.-W. P., from 23rd February to 27th March 1877, and from 30th March to 30th April 1877; appointed to officiate as Under-Secretary to Government, N.-W. P. and Oudh, 1st May 1877; confirmed as Under-Secretary to Government, N.-W. P. and Oudh, 1st August 1877; Officiating Junior Secretary to Government, N.-W. P., 1st August 1877; Officiating Junior Secretary to Government, N.-W. P. and Oudh, 19th May 1878; reverted to Under-Secretary to Government, N.-W. P. and Oudh, 22nd August 1878; Officiating Registrar, High Court, N.-W. Provinces, 14th November 1878; appointed a Justice of the Peace within the N.-W. Provinces, 1st May 1879; *privilege leave from 6th August to 5th November 1879;* on being relieved of the office of Registrar, High Court, by Mr. R. J. Crosthwaite on the 3rd February 1881, was placed on special duty under the orders of the Court; Officiating Registrar, High Court, 24th February 1881; confirmed as Registrar, High Court, 4th May 1881, *privilege leave from 27th August to 26th November 1882;* resumed charge of his office as Registrar, 27th November 1882; was on special duty on the 28th November 1882; *privilege leave from 25th June to 13th July 1883;* was on special duty from 14th to 19th July 1883; resumed charge of his office as Registrar, 20th July 1883; was again placed on special duty and directed to accompany the Government to Lucknow, 10th October 1883; resumed charge of his office as Registrar, 19th November 1883; appointed Legal Remembrancer to the Government of the N.-W. P. and Oudh, 28th May 1884; transferred to the Government of India and appointed to officiate as Deputy Secretary in the Legislative Department, 4th March 1885, and as Secretary, 17th December 1885; confirmed as Secretary in the Legislative Department, 18th September 1887; *privilege leave, from 4th October 1887 to 2nd January 1888, and from 15th October to 12th December 1889.*

JOHN MOLESWORTH MACPHERSON, Barrister-at-law.—Called to the Bar at the Inner Temple, 28th June 1876; admitted an Advocate of the High Court, Calcutta, 4th December 1876; appointed Deputy Secretary to the Government of India in the Legislative Department, 13th December 1877; *privilege leave from 27th February to 5th April 1881, and from 27th November 1882 to 26th February 1883;* furlough to Europe, with subsidiary leave, from 4th March 1885 to 24th March 1886; officiated as Secretary in the Legislative Department from 4th October 1887 to 2nd January 1888; *privilege leave from 2nd January to 1st April 1889.* Officiated as Secretary in the Legislative Department from the 15th October to 12th December 1889.

MR. MACPHERSON is the Editor of the 7th Edition of "Macpherson's Law of Mortgage in British India," and the Compiler of "Lists of British Enactments in force in Native States."

COLONEL HENRY SULLIVAN JARRETT.—Joined the service as Ensign, 13th December 1856; appointed to the Bengal Native Infantry, 24th February 1857; joined his appointment, 15th April 1857; promoted to Lieutenant, 11th July 1857; doing duty with Mooltan Artillery Division from September 1857 to June 1858; appointed to do duty with 6th Irregular Cavalry, 1st September 1858; and with Station Interpreter, Mooltan, November 1858; appointed Interpreter, V Battery, Royal Artillery, December 1858; exchanged into the 3rd European Regiment, April 1859; appointed to the 3rd Punjab Cavalry, June 1859; appointed Officiating Adjutant, 19th January 1860, appointed Station Staff Officer, Dera Ghazi Khan, 21st

January 1860 and Dera Ismail Khan, 9th April 1860; appointed Adjutant, 1st Punjab Cavalry, 22nd February 1864, and 4th Bengal Cavalry, 12th January 1864; *furlough to Europe from 6th July 1868 to 9th April 1870;* promoted to Captain 13th December 1868; appointed Officiating 2nd-in-Command, 4th Bengal Cavalry, 17th July 1869; appointed to officiate as Secretary Board of Examiners, 18th April 1870, and confirmed in that appointment, 29th March 1871; appointed to officiate as Assistant Secretary to the Government of India, in the Home Department, 18th April 1870, and in the Legislative Department, 2nd May 1873; *privilege leave from 17th January 1873 to 21st April 1873;* confirmed as Assistant Secretary, Government of India, Legislative Department, 17th August 1875; *furlough to Europe from 7th October 1875 to 12th January 1877;* promoted to Major, 13th December 1876; *furlough to Europe, from 31st March 1882 to 13th October 1883;* promoted to Lieutenant-Colonel, 13th December 1882; *privilege leave for 2 months and 29 days, with effect from 5th July 1886; privilege leave for 2 months and 6 days, with effect from 50th September 1888; furlough to Europe for 182 days, from 17th April 1889; granted extension of furlough by the Secretary of State for 183 days.*

War Service.—Indian Mutiny, 1858; present at outbreak of 62nd and 69th Regiments, and Native Horse Artillery at Mooltan, August 1858; engaged in pursuit of Mutineers of those Regiments, in command of a troop of the 6th Irregular Cavalry under Brigadier-General Farquharson, 1st September 1858—received medal and mentioned in despatches.

Mahsud Waziri Expedition, 1860.—Present at action of Berara Pass and the remaining operations of the Expeditionary Force (under Brigadier-General N. Chamberlain); engaged with the same regiment in the blockade of the same tribe on the Tok Frontier (1861-62)—received medal and clasp; 2nd Eusufzai Expedition, 1863; served with and present at all actions and operations of the Eusufzai Field Force as Aide-de-Camp to Brigadier-General N. Chamberlain, October 1863—received clasp.

SADLER, CAPTAIN JAMES HAYES, B.S.C. (1870).—Born, 11th October 1851; Ensign 61st foot, 6th July 1870; arrived in India, 11th March 1873; admitted to Bengal Staff Corps, 3rd July 1874. Wing Subaltern, 33rd Native Infantry, 19th July 1874; Wing Subaltern and Quarter-Master, 22nd October 1875; Wing Subaltern, 2nd November 1875; Wing Subaltern and Station Staff Officer, 6th May 1876; Wing Subaltern, 19th June 1876; Wing Subaltern and Quarter-Master, 6th July 1876; Wing Subaltern and Wing Officer, 31st July 1876; Wing Subaltern and Quarter-Master, 9th August 1876; Wing Subaltern, 8th November 1876; Wing Subaltern and Quarter-Master, 9th December 1876; Quarter-Master, 6th March 1877; Adjutant 33rd Regiment, Native Infantry, 14th July 1877; 1st Wing Subaltern and Acting Assistant Political Agent, Mahikantha, 30th July 1877; acted as Political Agent, Mahikantha, 20th March to 3rd May 1878, in addition to his own duties; and from 19th June to 22nd July 1878; acting Assistant Political Agent, Kutch, 16th May 1879; acting Assistant Agent to the Governor-General at Baroda, 1st April 1880; held charge of current duties of Office of Governor-General's Agent at Baroda in addition to his own duties, 3rd to 11th April 1881; confirmed as Assistant to the Agent to the Governor-General at Baroda, 8th May 1881; held charge of the current duties of the office of the Agent to the Governor-General at Baroda, in addition to his own, from 13th February to 7th March 1883, while on privilege leave appointed to officiate as Secretary to the Board of Examiners, Calcutta, and Assistant Secretary to the Government of India, Legislative Department, 1st July 1886, and acted as such from the 4th idem up to 13th October 1886; held charge of the current duties of the office of the Agent to the Governor-General at Baroda, in addition to his own, 25th April to 16th May 1887. Officiated as Secretary to the Board of Examiners, Calcutta, and Assistant Secretary to the Government of India, Legislative Department, from 30th September to 5th December 1888; held charge of the current duties of the office of Agent to the Governor-General at Baroda, in addition to his own, from the 17th February to the 8th March 1889; and again from the 17th to the 24th March 1889; appointed to officiate as Secretary to the Board of Examiners, Calcutta, and Assistant Secretary to the Government of India, Legislative Department, from 17th April 1889 and is still acting. Held charge of the current duties of the office of Agent to the Governor-General at Baroda, in addition to his own, from 11th April to 15th June 1888.

Examinations passed in Civil Departments.—Higher Standard in Hindustani, 6th April 1874; Higher Standard in Persian, 23rd October 1875; High Proficiency in Persian, 10th July 1877; Departmental Examination in Guzerati, 25th January 1878; Higher Standard in Guzerati, 23rd November 1878; obtained Degree of Honour in Persian, 17th November 1879; High Proficiency in Urdu in August 1881; obtained Degree of Honour in Urdu, 13th October 1884.

Furlough and Leave.—Special leave of absence to Europe for 6 months, from 7th April 1882; commuted to furlough, on medical certificate for 1 year 5th May 1882; unexpired portion of furlough from 18th December 1882 to 7th April 1883, cancelled, 18th January 1883.

Army Promotions.—Lieutenant, 28th October 1871, Captain, 6th July 1882.

Statements of the Services of Officers in the Survey of India.

Corrected up to 1st January 1890.

COLONEL H. R. THUILLIER, *Royal Engineers (Bengal), Surveyor-General of India.*—Joined the Honourable East India Company's Military College, Addiscombe, 11th June 1855; obtained his commission as 2nd Lieutenant, 12th June 1857; on duty at the Royal Engineering Establishment, Chatham, from 1st August 1857 to February 1859; promoted to 1st Lieutenant, 27th August 1858; arrived in India, 29th April 1859; appointed to the Survey Department as 2nd Assistant, Great Trigonometrical Survey, 21st May 1859; attached to the Great Indus Series Party from 20th November 1859 to 28th February 1861; promoted to 1st Assistant, 1st February 1861; transferred to the Kashmir Survey and employed thereon from 1st March 1861 to 28th February 1862; appointed to the charge of the Levelling Party, 1st March 1862; appointed to the charge of the East Calcutta Longitudinal Series Party, 1st September 1862; employed on that undertaking till its completion in November 1867; then commenced the Brahmaputra series; designation of appointment changed to Surveyor, 3rd grade, 1st April 1866; promoted to 2nd grade, 1st September 1869; designation changed to Deputy Superintendent, 2nd grade, 1st September 1869; Captain, 10th November 1869; employed on the Brahmaputra series triangulation till October 1870; then transferred to the charge of the Kumaon and Garhwal Topographical Survey; furlough to Europe, 14th March 1871; promoted to Deputy Superintendent, 1st grade, 18th July 1871; returned to India from furlough, 9th March 1873; resumed charge of the Kumaon and Garhwal Survey party in October 1873; employed on the survey of the Dehra Dun and Jaunsar-Bhawar districts till April 1876; reverted to Deputy Superintendent, 2nd grade, 1st April 1874, under reorganization of the department, and officiated as Deputy Superintendent, 1st grade, from that date; appointed to officiate as Superintendent, Great Trigonometrical Survey, 4th April 1876; Major, 7th October 1876; reverted to Officiating Deputy Superintendent, 1st grade, 1st November 1876; transferred to the charge of the Mysore Topographical Survey in March 1877; promoted to Deputy Superintendent, 1st grade, 27th October 1878, under the reorganization of 1878; furlough to Europe from 17th November 1879 to July 1881; on special duty at Poona, July to October 1881; resumed charge of the Mysore Topographical Survey, November 1881; Brevet Lieutenant-Colonel, 7th October 1883; appointed to officiate as Deputy Surveyor-General, in charge Revenue Branch, from 5th March 1884; confirmed, 1st October 1884; appointed to officiate as Surveyor General of India from 24th February 1886; Lieutenant-Colonel, 12th August 1886; confirmed as Surveyor-General of India, 19th February 1887; Colonel, 7th October 1887. On privilege leave for 3 months, from 11th April 1889.

COLONEL JAMES SCONCE, *Bengal Staff Corps, Deputy Surveyor-General.*—Joined the Honourable East India Company's Military College at Addiscombe, February 1852; date of first commission as 2nd Lieutenant, Bengal Artillery, 9th December 1853; landed in India, 2nd April 1854; promoted to 1st Lieutenant, 23rd September 1857; appointed to Bengal Horse Artillery, 11th February 1858; appointed Adjutant, 4th Battalion, Bengal Artillery, 15th July 1859; appointed Assistant Revenue Surveyor in the Bundelkhand Revenue Survey, 21st October 1859; transferred to the Royal Artillery, May 1861; appointed to the charge of 1st Division, Central Provinces Revenue Survey at Jubbulpore, 27th June 1862; promoted to Revenue Surveyor (now Deputy Superintendent of Survey), 3rd grade, 24th January 1863; promoted to 2nd Captain, Royal Artillery, 3rd April 1863; transferred to the charge of 3rd Division, Central Provinces Revenue Survey at Saugor, 13th November 1863; proceeded on furlough to Europe on sick certificate, 25th July 1864; returned from furlough and appointed to do duty in the Office of Superintendent, Revenue Survey, Calcutta, 16th March 1866; appointed to the charge of 6th Division, Lower Provinces Revenue Survey at Hazaribagh, 3rd Novem-

ber 1866; promoted to Deputy Superintendent of Survey, 2nd grade, 6th November 1868; transferred as Captain to Bengal Staff Corps, 8th March 1869; proceeded on furlough to Europe, 28th March 1872; returned from furlough and appointed to do duty in the Office of Superintendent of Revenue Surveys, Calcutta, 5th November 1873; appointed to the charge of the 3rd Division, Lower Provinces Revenue Survey at Midnapur, 6th December 1873; promoted to Brevet Major, 9th December 1873; transferred to the charge of the 8th Division, Revenue Survey (Western Soane Irrigation) at Arrah, 16th March 1876; promoted to Major, Bengal Staff Corps, 11th October 1876; appointed Deputy Surveyor-General, 1st January 1879; promoted to Lieutenant-Colonel, Bengal Staff Corps, 9th December 1879; Colonel, 9th December 1883; on furlough to Europe from 14th March 1884 to 7th March 1886; resumed charge of his office as Deputy Surveyor General, Revenue Branch, on 11th March 1886. Officiating Surveyor-General of India from 11th April 1889 to 15th July 1889. Furlough to Europe for 1 year and 153 days from 1st November 1889.

War Services.—Served with the 1st Battalion, Bengal Artillery, and No. 17, Light Field Battery, at the siege and capture of Delhi in September 1857; in action with the rebels at Bulandshahr in October 1857; in action with the rebels at Agra, 10th October 1857; served during the operations leading to the relief of Lucknow by the Army under Sir Colin Campbell in October and November 1857; in action with the rebels at Cawnpore on 5th November 1857; in action with the rebels at Shumshabad, near Futtehgarh, in January 1858; at Alumbagh during the capture of Lucknow in March 1858; has received a mutiny medal with clasps for "Delhi," "Relief of Lucknow," "Capture of Lucknow."

LIEUTENANT-COLONEL GEORGE STRAHAN, *Royal Engineers (Bengal), Deputy Surveyor-General, in charge Trigonometrical Branch.*—Obtained his commission from the Honourable East India Company's Military College at Addiscombe on 10th December 1858; on duty at Royal Engineering Establishment at Chatham, February 1st, 1859; remained under instruction at the establishment till June 1860; arrived in India, November 20th, 1860; remained with the Sappers and Miners at Roorkee from 6th December 1860 till March 1861; employed in the Irrigation Branch, Public Works Department, till July 2nd, 1862; appointed on 2nd July 1862 to Survey Department; served as Assistant in the Gwalior and Central India Survey for two years; assumed charge of No. 7 Party, Rajputana Survey, 1st September 1864; * sick leave to England, from 10th November 1867 to 6th July 1869; promoted to Captain, January 14th, 1871; appointed Deputy Superintendent, 3rd grade, November 10th, 1867; appointed Deputy Superintendent, 2nd grade, October 26th, 1870; transferred to charge of No. 8 Party, Mysore Survey, 1st October 1875; furlough to Europe on private affairs, from May 1st, 1877, to April 15th, 1879; assumed charge of No. 2 Party, Khandesh Survey, June 4th, 1879, and of Mysore Topographical Party, 1st November 1879; promoted to rank of Major, 27th May 1881; received charge of No. 2 Astronomical Party, 4th November 1881; Officiating Assistant Surveyor-General in charge, Engraving and Cartographic Offices, Head-quarters, Calcutta, from 27th April 1883 to 24th July 1883; assumed charge of No. 2 Astronomical Party, 1st August 1883; furlough to Europe for one year from 7th May 1884, with extension for 6 months; promoted to Deputy Superintendent, 1st grade, 10th November 1884. On duty in Europe from 10th April to 4th August 1885, inclusive (period to count as service, *vide* Secretary of State's letter No. 231, dated 3rd September 1885). In charge, Astronomical No. 2 Party, 13th November 1885, and of the Andaman Survey likewise from 18th May 1886. Nomenclature of Party changed to Nicobar, 1st October 1886; made over charge of No. 2 Astronomical Party on the 15th October 1886; promoted to Lieutenant-Colonel, 8th September 1886; made over charge of No. 21 Party (Nicobar) and resumed that of No. 23 Party (Astronomical II), 1st October. Charge of No. 22 Party (Astronomical I) from 1st to 30th November 1887. Made over charge of No. 23 Party (Astronomical II), 13th July 1888 afternoon; Officiating Assistant Surveyor-General in charge, Mathematical Instrument Office, and Surveyor-General's Office, from 23rd July to 8th October 1888. Appointed Officiating Deputy Surveyor-General and assumed charge of the Trigonometrical Branch on the afternoon of the 14th November 1888. Confirmed 12th October 1889.

* *Vide* G. G. O. No. 605, dated 26th September 1863,—*vide* General Report, 1860 to 1865, page 36, para. 160.

COLONEL DONALD MACDONALD, *Bengal Staff Corps, Deputy Superintendent, 1st Grade.*—Date of first commission as Ensign in Bengal Infantry, 20th October 1853; landed in India, 1st December 1853; posted to 25th Regiment, Native Infantry; served with the 25th Native Infantry, 1 year at Allahabad and 4½ years in Burma, during which period he officiated as Quarter-Master and was appointed Adjutant; promoted to Lieutenant, 18th January 1856; proceeded to Europe on medical certificate from 20th May 1859 to 12th August 1860; joined the Survey Department, 19th December 1860; served as Assistant

Revenue Surveyor in the Dinagepur District, and afterwards in Manbhoom; Captain, 1st January 1862; received charge of a Survey Party in 1863; entered Staff Corps, 13th August 1864; promoted Revenue Surveyor, 1st January 1865; promoted Deputy Superintendent, 3rd grade, 1st April 1866; superintended the survey of Manbhoom from 1863 to 1866; took this party up to Lakhimpur in Assam, and started the survey there; transferred in March 1867 to Sind, and superintended the survey of District Shahbunder and portion of Thar Parkar, and Hyderabad; transferred with this party to Kurnal in 1870; promoted to Officiating Deputy Superintendent, 2nd grade, 12th March 1871; furlough on private affairs from 18th January 1872 to 14th January 1874; Major, 20th October 1873; on return took charge of the Goalpara Survey till 1875, when that party was broken up; transferred to charge of North Deccan Survey at Poona; again transferred in 1877 to charge of Sirsa Survey; promoted Deputy Superintendent, 2nd grade, 1st January 1878; Lieutenant-Colonel, 20th October 1879; on breaking up of that party in 1879 was posted to charge of North-West Frontier Survey, which he held from 1879 to 1884; surveyed portions of Dehra Ismail Khan, Rawalpindi, Mozaffargurh and Hissar Districts; Colonel, 20th October 1883; furlough on private affairs from 7th March 1884 to 23rd February 1886; on return from furlough was posted to Head-quarters Office in Calcutta as Officiating Assistant Surveyor-General, in charge of Mathematical Instrument Office, and Surveyor-General's Office; Officiating Deputy Superintendent, 1st grade, 9th March 1886; confirmed, 1st January 1887; confirmed as Assistant Surveyor-General, 26th September 1887. Assumed charge of No. 1 Party (Punjab) on the 16th January 1889. Furlough for 1 year and 15 days from 1st December 1889.

LIEUTENANT-COLONEL CHARLES STRAHAN, *Royal Engineers (Bengal), Officiating Deputy Surveyor-General, in charge Revenue Branch.*—Date of first commission, 8th June 1860; landed at Calcutta, October 1862; appointed to Survey Department as Military 2nd Assistant, and attached to No. 1 Party, 26th September 1863; took charge of reconnoitring party in Bhutan under General Tytler in October 1865; promoted to Assistant Surveyor, 1st grade, 1st April 1866; rejoined No. 1 Party, 16th July 1866; promoted to Surveyor, 3rd grade, 1st December 1867; furlough to Europe from 2nd December 1871 to 27th October 1873; promoted to Captain, 20th August 1872; Officiating Deputy Superintendent, 2nd grade, from 4th January to 31st March 1874, from 1st February to 4th October 1878, from 27th October 1878 to 21st April 1879, and from 1st November 1879 to 13th March 1880; furlough to Europe from 27th March to 10th October 1880; Officiating Deputy Superintendent, 2nd grade, from 18th October 1880 to 9th January 1884; promoted to Brevet-Major, 2nd March 1881; to Major, 1st July 1881; officiated as Assistant Surveyor-General, in charge Cartographic and Engraving Offices, from 24th July 1883; promoted to Deputy Superintendent, 2nd grade, 10th January 1884; confirmed as Assistant Surveyor-General, 23rd May 1884; Officiating Deputy Superintendent, 1st grade, from 3rd December 1884 to 12th November 1885; furlough to Europe from 4th May 1886 to 23rd October 1887; resumed charge of his office as Assistant Surveyor-General in charge, Drawing and Engraving Offices, Calcutta, 24th October 1887. Officiating Deputy Superintendent, 1st grade, from 1st November 1888 to 25th April 1889. Confirmed 26th April 1889, promoted to half pay Lieutenant-Colonel, 1st July 1888; Officiating Deputy Surveyor-General, in charge Revenue Branch, from 11th April 1889 to 15th July 1889 and again from 26th October 1889; promoted to Regimental Lieutenant-Colonel, 10th December 1889.

War Services.—Served with the Bhutan Field Force, in charge of reconnoitring party, under General Tytler, from October 1865 to 16th July 1866—medal and clasp; served with the Peshawur Field Force in Afghanistan, under Sir Samuel Brown, from March 1879 to end of first campaign in June 1879—medal—Brevet of Major.

COLONEL WILLIAM BARRON, *Bengal Staff Corps, Deputy Superintendent, 1st Grade.*—Received a commission in the Bengal Artillery as 2nd Lieutenant on 11th December 1858; arrived in the country, 4th February 1859; did duty with the Bengal Artillery at Meerut and Peshawur till end of March 1860; did duty with the Peshawur Mountain Train Battery during April and May 1860; rejoined the Artillery Division at Peshawur, June 1860, and continued there till appointed to the Peshawur Mountain Train Battery on 22nd August 1861; served with it at Murdan and Abbottabad till 3rd July 1862; appointed Assistant Revenue Surveyor in the Revenue Survey, 27th June 1862, and joined on 4th July 1862; joined the Bengal Staff Corps, 4th July 1862; Assistant Superintendent, 1st grade, 27th June 1866; surveyed in the Delhi, Peshawur, and Hazara Districts till 15th December 1866; held charge of the North-West Frontier Survey from 12th October to 15th December 1866; took charge of the 2nd Division, Lower Provinces, at Dibrugarh, Assam, on 1st February 1867; Officiating Deputy Superintendent, 3rd grade, 6th November 1868; continued surveying in the Lakhimpur District till 8th December 1869; leave on medical certificate to Europe from 6th January 1870 to 3rd April 1871; promoted to Captain, 11th December 1870; appointed Deputy Superintendent of Survey, 3rd grade, on 1st April 1870; on return from furlough took charge

of the North-West Frontier Revenue Survey on 17th April 1871; surveyed in the Dera Ghazi Khan District till 15th October 1873; transferred to the 4th Division, Revenue Survey, and took charge on the 13th November 1873; continued in charge till the 31st October 1883, during which time surveyed districts Budaun (on scale of 4"=1 mile), Moradabad, Ghazipur, Ballia, and part of Benares (cadastrally on scale of 16"=1 mile); promoted to Major, 11th December 1878; Officiating Deputy Superintendent, 2nd grade, from 27th November 1881 to 2nd December 1881, again from 7th November 1882 to 8th January 1883, and from 12th February 1883 up to 31st October 1883; furlough, private affairs, for 2 years, from 9th November 1883; confirmed as Deputy Superintendent, 2nd grade, 7th August 1884; promoted to Lieutenant-Colonel, 11th December 1884; returned from furlough and received charge of No. 8, Revenue Party, Mozufferpore, subsequently called Bengal and Orissa Cadastral Survey, 16th November 1885. On deputation to Government Straits Settlement from afternoon of 14th May 1887. Resumed charge of No. 8 Party (Bengal and Orissa), 30th August 1887; Officiating Deputy Superintendent, 1st grade, from 15th November 1888; Colonel, 11th December 1888. Furlough on private affairs for 1 year and 275 days, from 20th February 1889. Promoted to Deputy Superintendent, 1st grade; Substantive *pro tempore*, 12th October 1889.

Favourably mentioned in Despatch No. 7, dated India Office, London, 5th May 1870, from the Right Honourable the Secretary of State for India, to His Excellency the Right Honourable the Governor General of India in Council, for his work in the Lakhimpur District.

Received the thanks of the Government of India for compiling a "Hand-book of Instructions for Cadastral Survey Parties employed in the combined operations of Survey and Settlement in the North-Western Provinces."—Letter No. 213 S., dated Simla, 11th June 1884, from the Under-Secretary to the Government of India (Revenue and Agricultural Department), to the Surveyor-General of India.

War Services.—Served with the Peshawur Mountain Train Battery in the Mahsud Waziri Expedition during April and May 1860, and the forcing of the Burrara Pass; served as Assistant Surveyor with the Umbeyla Expedition, October 1863; severely wounded in the action at the Eagle's Nest Picket on 26th October 1863—wound pension for life—medal with North-West Frontier and Umbeyla clasps.

Colonel H. C. B. Tanner, *Bombay Staff Corps, Officiating Deputy Superintendent, 1st Grade.*—Obtained his commission in the Bombay Artillery from the Honourable East India Company's Military College at Addiscombe on the 8th June 1854; joined the Survey Department from the E Brigade, Royal Horse Artillery, as Assistant in the Sind Revenue Survey on 10th October 1862; transferred with the Sind Party to Chanda, Central Provinces; the party became the 4th Division, Central Provinces Revenue Survey, in February 1865; sick leave from 18th February to 13th March 1866; furlough to Europe from 14th March 1866 to 11th May 1867; after rejoining from furlough, on duty in the Head-quarters Office, Calcutta, from 11th May to 23rd June 1867; assumed charge of the 3rd Division, Central Provinces Revenue Survey, at Saugor, 24th June 1867; transferred with the party to the Nimar District in November 1867; Officiating Deputy Superintendent, 3rd grade, 6th November 1868; promoted to Deputy Superintendent, 3rd grade, 1st April 1870; assumed charge of the Bombay City Survey in addition to his other duties, December 1869; transferred with the 3rd Division, Central Provinces Survey, to Bhawalpur; designation of party changed to 1st Division, Bhawalpur Revenue Survey, November 1870; transferred to the Topographical Party, which accompanied Sir Charles Brownlow's column to the Lushai Hills, from 1st November 1871 to 30th April 1872; on return from the Lushai Expedition transferred to charge of 4th Division, Central Provinces, 29th August 1872; designation of party altered to 11th Deccan Topographical Party, 1st October 1872; promoted to Major, 8th June 1874; furlough on private affairs on 25th August 1876; rejoined 11th Division, Deccan Survey, on expiration of furlough, 28th April 1877; ordered to join the Khyber column, under Lieutenant-General Sir Samuel Brown, as Surveyor, November 1878; joined the Great Trigonometrical Survey Office at Mussooree on completion of Afghanistan campaign in June 1879; on special duty to Gilgit from July 1879 to 18th April 1882; promoted to Lieutenant-Colonel, 22nd November 1879; furlough for 6 months, 19th April 1882; assumed charge of Darjeeling and Nepal Boundary Parties, 1st November 1882; Officiating Deputy Superintendent, 2nd grade, from 7th November to 31st December 1882, and from 14th March 1883 to 30th September 1884; promoted to Colonel, 8th June 1884; and to Deputy Superintendent, 2nd grade, 1st October 1884; services placed under the disposal of the Foreign Department for employment with the Tibet Mission from May 1886. Rejoined the Department, 18th August 1886, and assumed charge of the Himalaya Party on the 19th idem. Officiating Deputy Superintendent, 1st grade, from 20th February 1889.

War Services.—Accompanied the Persian Expeditionary Force of 1856 as Subaltern in No. 5 Light Field Battery, and was present at the landing at Halila Bay, the taking of Reshire and Bushire

and the battle of Kushat—medal and clasp—accompanied a force despatched after the rebels from Kurrachee to Nugger Parker in May 1859; accompanied Sir Charles Brownlow's column during the Lushai Expedition in November 1871 as Surveyor—clasp—mentioned in despatches, and received the thanks of the Government of India; accompanied Sir Samuel Brown's column, 1st Division, Peshawur Valley Field Force, as Surveyor, from the commencement to the termination of hostilities in 1878-79.

COLONEL AYRTON PULLAN, *Bengal Staff Corps, Officiating Deputy Superintendent, 1st Grade.*—Appointed a Cadet of Infantry, February 1856; landed in India, 29th April 1856; date of first commission as Ensign, 14th June 1856; Lieutenant, 26th December 1856; Officiating Quarter-Master, 4th Sikh Infantry, July 1857; sick leave from Delhi Field Force, 12th September to 30th November 1857; appointed Adjutant, Berry's Sikhs, November 1857; Adjutant, Gorukpur Military Police, January 1858; Adjutant, Benares Horse, January 1859; appointed to the Staff Corps, 18th February 1861; attached to Her Majesty's 8th Hussars, November 1861; Doing Duty Officer, 14th Bengal Cavalry, January 1862; officiated as Assistant Political Agent and Bazar Master, Morar, from April to June 1862; Doing Duty Officer, 8th Bengal Cavalry, June 1862; appointed 2nd Assistant, Great Trigonometrical Survey, 18th January 1863; promoted to 1st Assistant (designation changed to Assistant Surveyor, 1st grade), 1st October 1866; promoted to Captain, 14th June 1868; furlough to Europe for two years, 31st December 1869; Assistant Superintendent, 1st grade, and Officiating Deputy Superintendent, 3rd grade, Great Trigonometrical Survey, 11th December 1871; appointed to the charge of the Kathiawar Survey, 6th April 1873; promoted to Major, 14th June 1876; confirmed Deputy Superintendent, 3rd grade, 1st January 1878; furlough to Europe for one year from 13th May 1878; returned to duty, 19th April 1879; resumed charge of Kathiawar Survey, 26th April 1879, on completion of which in 1879-80 commenced the survey of Cutch; promoted to Lieutenant-Colonel, 14th June 1882; officiated as Deputy Superintendent, 2nd grade, from 1st November 1883; confirmed, 28th November 1884; employed on Cutch Survey until its completion in 1886; promoted to Colonel, 14th June 1886; assumed charge of Gujarat Survey on 30th October 1886. Officiating Deputy Superintendent, 1st grade, from 26th October 1889.

War Services.—Served as Orderly Officer to Brigadier Johnstone on the march from Jullundur to Delhi, June 1857; served with the 4th Sikh Infantry throughout the siege of Delhi—severely wounded—medal and clasp—also mentioned in despatches three times during the Indian rebellion, and received the thanks of Sir C. Wingfield, Chief Commissioner of Oudh, for the defence of the town of Bansee when attacked by an insurgent force, July 1858 (horse wounded).

COLONEL WILLIAM HENRY WILKINS, *Bengal Staff Corps, Officiating Deputy Superintendent, 1st Grade.*—Joined the Bengal Artillery, 12th December 1857; arrived in the country, 28th January 1858; promoted to 1st Lieutenant, 27th August 1858; joined Thomason College, Roorkee, 12th March 1861; obtained 1st class certificate, &c., 27th August 1862; privilege leave until 1st November 1862, on which date received general leave in India for three months, afterwards extended to six months; commanded the garrison battery in Agra Fort (the 20 days' leave not expended was never cancelled), 11th April 1863; joined the Fyzabad Revenue Survey as Assistant on probation, 27th April 1863; confirmed as Assistant Revenue Surveyor, and appointed to Staff Corps from 11th May 1864; joined 1st Division, Central Provinces Revenue Survey, 13th November 1864; promoted to Assistant Superintendent, 1st grade, 27th April 1867; Captain, 12th December 1869; Assistant Superintendent, in charge of 1st Division, Central Provinces Survey, 3rd August 1870 to 16th December 1870; joined the 2nd Division, Punjab Revenue Survey, 1st July 1871; Officiating Deputy Superintendent, 3rd grade, 13th May 1871 to 24th September 1871; received charge of 2nd Division, Punjab Revenue Survey, 20th October 1871; Officiating Deputy Superintendent, 3rd grade, from 18th January 1872 to 3rd March 1872, and from 28th March 1872 to 18th March 1877; received charge of Midnapur Revenue Survey, 1st December 1876; received charge of Dearah Survey, 7th December 1877; Major, 12th December 1877; confirmed as Deputy Superintendent, 3rd grade, 27th October 1878; received charge of Bassein District (British Burma) Cadastral Survey on 25th November 1881; received personal allowance of R100 from 15th February 1883 until promotion to Deputy Superintendent, 2nd grade; on furlough to Europe from 8th June 1883; promoted to Lieutenant-Colonel, 12th December 1883; returned from furlough and attached to Head-quarters, Calcutta, from 14th March 1884; Officiating Deputy Superintendent, 2nd grade, from 7th August 1884; confirmed 1st January 1887. Transferred to charge of Raipur District Traverse Survey, and superintending Detached Party working in District Sambalpur from 4th November 1885. Colonel, 12th December 1887. Transferred to charge of No. 4 Party (Western Dooars), 6th November 1889. Officiating Deputy Superintendent, 1st grade, from 1st D cember 1889.

War Services.—Served with the Cawnpur Field Force during February and March 1858.

LIEUTENANT-COLONEL J. E. SANDEMAN, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Joined the Royal Military College at Addiscombe in 1860; obtained a commission as Ensign in the Bengal Infantry on the 7th June 1861; arrived in India in October 1861; was attached for duty to Her Majesty's 90th Light Infantry; promoted to Lieutenant, 19th May 1862; 10th October 1862 passed the P. H. examination in Hindustani; had leave in India, private affairs, 15th December 1862 to 12th February 1863; by G. O. C. C., dated 23rd March 1863, was permitted to study at the Civil Engineering College at Roorkee; in September 1864 passed the College final examination, and obtained certificate qualifying for employment as an Engineer in the Department of Public Works; was appointed to the Survey Department, and joined appointment at Nagpur on the 6th October 1864; from 17th February 1866 was transferred to 2nd Division, Oudh Survey, and from 13th November 1866 to North-Western Frontier Survey Party in the Punjab; joined the Staff Corps on the 9th May 1867; served in the Punjab till 1870; furlough to England from 14th March 1870 to 16th February 1872; rejoined his appointment at Nagpur as Assistant Superintendent of Survey on 21st February 1872; held charge of the 2nd Division, Central Provinces Revenue Survey, from 19th June to 10th August 1872; from 1st October 1872 was transferred to the Moradabad Cadastral Survey; in March 1873 was transferred to Bengal, and took over charge of the Midnapur Survey from 21st March 1873; promoted to Captain, 7th June 1873; made over charge of the Midnapur Survey in December 1873, and proceeded to join the Goalpara Survey in Assam; in October 1874 was appointed to the Behar Irrigation Survey as Assistant Superintendent; from 1st October 1875 obtained charge of the Darjeeling Waste Lands Survey, which after two months was converted into Dhanwar Estate Survey; with this party surveyed cadastrally the Dhanwar Estate in Hazaribagh, a portion of the Chota Nagpur Estate in Lohardugga, and the Government Estate of Barkagarh in Lohardugga; from the 1st December 1878 assumed charge of the British Burma Cadastral Survey; Officiating Deputy Superintendent, 3rd grade, from 15th May to 7th November 1876, and from 14th July 1877; confirmed, 1st January 1879; promoted to rank of Major, 7th June 1881; furlough to Europe from 9th August 1881 to 30th October 1882; appointed to do duty in the Head-quarters Office, Calcutta, from 4th November 1882; received personal allowance of R100 until promotion to Deputy Superintendent, 2nd grade, 15th February 1883; assumed charge of Mirzapur and Gorakhpur Districts Cadastral Survey, North-Western Provinces, from 1st November 1883; Officiating Deputy Superintendent, 2nd grade, from 24th September 1884; confirmed, 19th February 1887; promoted to Lieutenant-Colonel, 7th June 1887; overstayed privilege leave by three days in October 1887.

War Services.—Served with the Black Mountain Expedition in Hazara under Major-General Alfred Wilde, from 15th August to 31st October 1868; was present at the advance from Munna Kaduna, and the taking of the Machai Peak; assisted in surveying the route taken by the force, and the surrounding country, under the direction of Colonel H. C. Johnstone, and compiled a map of the same—received the Frontier medal.

BREVET LIEUTENANT-COLONEL T. H. HOLDICH, *Royal Engineers, Deputy Superintendent, 2nd Grade.*—Commissioned Lieutenant, R.E., 17th December 1862; arrived in India, 3rd March 1865; appointed Assistant to Officer in charge, Field Survey Operations in Bhutan, October 1865; appointed Assistant Superintendent, 2nd grade, Topographical Survey of India, 23rd July 1866, and attached to the Rajputana Party; assisted to make the first surveys of the Sambhur Lake District; attached to special party for service in Abyssinia, December 1867; proceeded to England on special duty from Abyssinia, June 1868; Assistant Superintendent, 1st grade, 15th December 1868; returned to India on 4th May 1869, and joined Gwalior and Central India Topographical Survey; acted in charge of the party from 1871 to 1873; Officiating Deputy Superintendent, 3rd grade, from 11th August to 3rd November 1873, and again from 15th December 1873 to 14th May 1877; appointed to charge of Vizagapatam Agency and Central Provinces Survey on 15th December 1873; completed the survey of districts east of the Godavari river, including part of Bustar and Gondwana; Captain, 4th June 1876; furlough to England for 2 years when the party was broken up, 14th May 1877; recalled for service, with Southern Afghanistan Field Force in December 1878; Officiating Deputy Superintendent, 3rd grade, from 15th January to 13th June 1879, and from 1st November 1879 to 28th April 1883; Brevet-Major, 2nd March 1881; special leave to England for 3 months, from 1st November 1880; assumed charge of the Kohat District Topographical Survey on 15th February 1881; Deputy Superintendent, 4th grade (new), 1st July 1882; Deputy Superintendent, 3rd grade, 29th April 1883; completed survey of Kohat District in April 1883, having carried out the following trans-frontier explorations and surveys whilst in charge of the party—survey of the unmapped portions of the Adamkhel Afridi country—exploration of passes leading from Meranzai valley into the Urakzai Hills—survey of Kaffir-Kot at all passes from Bannu, crossing the frontier to north and west, completing the frontier survey to Bannu—exploration

of route from Bannu to Ghazni, including survey of Darwar, Birmal, and country west of Waziristan—survey of Gomal river and contiguous passes to junction of Zhob and Gomal—survey of Takht-i-Suliman mountain and passes north of it, including the Sherani country—exploration of Eastern Afghanistan to Lake Abistada—survey of the Vehowa basin and routes across the Suliman range, thus completing the frontier survey as far south as Vehowa; appointed to charge of Baluchistan frontier party in October 1883; furlough to Europe for 1 year from 8th March 1884; recalled for service with the Zhob valley expedition in July 1884; transferred to charge of Afghan Boundary Survey in September 1884; Officiating Deputy Superintendent, 2nd grade, from 3rd December 1884 to 6th November 1885, and from 21st April to 19th November 1886; returned to India, 1st November 1886; on duty at India Office for writing Afghan Boundary Commission Report for 4 months, from 25th November 1886. Availed himself of the unexpired portion of furlough from 25th March 1887. Extension on medical certificate, from 10th November 1887 to 14th April 1888. Brevet Lieutenant-Colonel, 16th February 1887; posted to the charge of Drawing Office, Trigonometrical Branch, on 14th April 1888; Officiating Deputy Superintendent, 2nd grade, from 17th July 1888; confirmed, 26th March 1889. Was in charge of No. 16 Party (Baluchistan II) from 18th to 30th September 1888, after which date the party was disbanded. In charge No. 15 Party (Baluchistan) from 3rd November 1888, in addition to his other duties. Relieved of charge of Drawing Section, Dehra Dun, 17th April 1889.

War Services.—Served on special duty during the Bhutan campaign from October 1865 to close of campaign; present with the Buxa column to its farthest advance, and subsequently with the Dewangiri column; despatches not published—frontier medal and clasp for Bhutan; served on special survey duty during the Abyssinian campaign from December 1867 to close of campaign; mentioned in despatches, and services commended by Secretary of State for War—medal. Served on special survey duty during the first period of the Afghan campaign in Southern Afghanistan; completed the Topographical survey of the Kadanai valley and the route from Pishin to India *viâ* Thal-Chotiali; mentioned in despatches; services commended by Governor General in Council and Secretary of State for India; appointed to charge of survey operations in Northern Afghanistan during second period of campaign; present at Kabul during the winter of 1879-80; siege and defence of Sherpur; appointed Assistant Field Engineer during the defence; mentioned in despatches; present during the occupation of the Lughman Valley Expeditions to Kohistan, Logar, Wardak, &c.,—medal with clasp for Kabul; services commended by Governor General in Council and Secretary of State for India; Brevet-Major, March 1881; served in charge of survey operations during the Waziri expedition of 1881; present during skirmish when survey party was attacked on Shaidar mountain; mentioned in despatches; Takht-i-Suliman survey expedition, December 1883; led the flanking party up the mountain by night, which dispersed the Kedarzais who held the summit.

Literary Work.—Contributed to the records of the Royal Geographical Society and the Encyclopædia Britannica on the subject of the geography of Afghanistan and the Indian frontier; contributed also occasional papers to the journal of the Royal United Service Institute, of which the principal was a paper read in 1878, advocating instruction in Indian and continental methods of topography at the military schools of England; instruction in the use of the plane table being now universal: this paper may possibly claim to have been useful towards its introduction. Lectures on Geographical Surveying at Royal Engineers' Institute, Chatham, in February 1888. Received the Gold Medal of the Royal Geographical Society for Afghan Boundary Commission Surveys in May 1887.

Colonel James Waterhouse, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade, and Assistant Surveyor-General:*—Joined the service as 2nd Lieutenant, Bengal Artillery, 10th June 1859; arrived in the country, 11th October 1859; services placed temporarily at the disposal of the Foreign Department for special duty, 15th November 1861; left regimental duty, 16th January 1862; returned to regimental duty, 21st December 1862; appointed Officiating Commissary of Ordnance, 3rd class, 13th April 1866; services placed at the disposal of the Government of Bengal, 5th June 1866; appointed Assistant Revenue Surveyor, Lower Provinces, 27th June 1866; services placed at the disposal of the Government of India, Home Department, 7th July 1866; appointed Assistant Surveyor with superintendence of the photo-zincographic operations in the Office of the Surveyor General of India, 18th July 1866; joined the Survey Department, 22nd July 1866; leave on medical certificate to Europe, 25th March 1867 to 17th February 1869; re-appointed Assistant Surveyor, 2nd grade, 17th February 1869; gazetted Lieutenant in Bengal Staff Corps, 9th October 1869; promoted to 1st grade Assistant Superintendent of Survey from 17th June 1870; promoted to Captain, Staff Corps, 10th June 1871; attached to Colonel Tennant, R.E., for duty with the Indian Eclipse Expedition from 21st November 1871 to 8th January 1872; attached to Colonel Tennant, R.E., for duty in observing the Transit of Venus from 10th October 1874 to 1st January 1875; in charge, Indian

Eclipse Expedition to Nicobar Islands from 11th March to 18th April 1875; Officiating Deputy Superintendent of Survey, 3rd grade, from 26th March 1875; reverted to Assistant Superintendent, 1st grade, 19th September 1876; Officiating Deputy Superintendent of Survey, 3rd grade, from 23rd November 1877; reverted to Assistant Superintendent, 1st grade, 7th January 1878; Officiating Deputy Superintendent, 3rd grade, from 1st February 1878; on special duty in Europe from 10th October 1878 to 8th November 1878; Officiating Deputy Superintendent, 3rd grade, from 9th November 1878 to 6th May 1879, and from 1st November to 11th December 1879; furlough to Europe on private affairs from 12th December 1879; resumed charge of the Photographic Office, Calcutta, 26th December 1881; Officiating Deputy Superintendent, 3rd grade, from 26th December 1881; promoted to Deputy Superintendent (new), 4th grade, 1st July 1882; continued to officiate as Deputy Superintendent, 3rd grade; confirmed 10th January 1884; Officiating Deputy Superintendent, 2nd grade, from 3rd December 1884 up to 6th November 1885; promoted to the rank of Lieutenant-Colonel, 10th June 1885; furlough to Europe for 250 days from 21st March 1886; extension for 18 days; returned from furlough, 14th December 1886; resumed charge of the Photographic and Lithographic Offices, Calcutta, 17th December 1886 Officiating Deputy Superintendent, 2nd grade, from 1st January 1887 up to 23rd October 1887, and again from 1st September 1888 to 25th April 1889. Confirmed 26th April 1889. Promoted to Colonel, 10th June 1889.

Literary Works.—Wrote a report on the Cartographic Applications of Photography as used in the Topographical Departments of the Principal States in Central Europe, containing notes on the European and Indian Surveys, and on the application of Photography to surveying—published by the Superintendent, Government Printing, Calcutta, 1870; also a pamphlet on "The Application of Photography to the Reproduction of Maps and Plans by Photo-mechanical and other Processes," originally submitted to the Geographical Congress at Paris in 1875, but published, *in extenso*, in the Journal of the Asiatic Society of Bengal, Part II, No. 2, 1878; also papers relating to Surveys in Afghanistan, Tidal Surveys, Spectroscopic Photography and Photo-mechanical Printing in Asiatic Society's Journal, and a series of papers on Photozincography published in the Photographic News, 1881 to 1884.

LIEUTENANT-COLONEL MALCOLM W. ROGERS, *Royal Engineers, Deputy Superintendent, 2nd Grade, and Assistant Surveyor-General.*—Joined the service as a Gentleman Cadet in February 1860; appointed Lieutenant in the Royal Engineers, 18th December 1861; served as Division Officer, Cork, Ireland, from 1864 to 1865; landed in India, 20th October 1865; served with the Bengal Sappers and Miners until 4th July 1866; appointed Assistant Surveyor 2nd grade, Great Trigonometrical Survey of India, on 5th July 1866; promoted to Assistant Surveyor, 1st grade, 5th December 1868; Officiating Deputy Superintendent, 3rd grade, from 18th December 1870; reverted to Assistant Superintendent, 1st grade, 1st November1872; Officiating Deputy Superintendent, 3rd grade, from 6th April 1873; furlough on private affairs from 1st November 1873; Captain, 11th December 1873; returned to India and appointed Officiating Deputy Superintendent, 3rd grade, 28th October 1874; reverted to Assistant Superintendent, 1st grade, from 1st January 1878; Officiating Deputy Superintendent, 3rd grade, from 15th February 1878; reverted to Assistant Superintendent, 1st grade, 26th April 1879; Officiating Deputy Superintendent, 3rd grade, 12th December 1879; furlough to Europe for 1 year and 4 days, 1st May 1880; returned from furlough, 15th June 1881; Officiating Deputy Superintendent, 3rd grade, 15th June 1881; promoted to rank of Brevet-Major, 2nd March 1881; to Major, 18th December 1881; and to Deputy Superintendent (new), 4th grade, 1st July 1882, continuing to officiate as Deputy Superintendent, 3rd grade; officiated as Assistant Surveyor-General in charge Mathematical Instrument Office and Correspondence Office, Headquarters, Calcutta, from 19th April 1883; confirmed, 23rd May 1884; confirmed as Deputy Superintendent, 3rd grade, 7th August 1884; furlough to Europe for 1 year and 185 days from 21st March 1886. Returned from furlough on the 18th September 1887 and posted on duty in the Trigonometrical Branch Office at Dehra Dun on the 26th September 1887. In charge computing party from 6th January to 9th April 1888. Posted to No. 25 Party (Tidal and Levelling) from 10th April, and assumed charge thereof on 16th May 1888; Officiating Deputy Superintendent, 2nd grade, from 1st November 1888 to 27th June 1889; confirmed 28th June 1889; promoted to half-pay Lieutenant-Colonel on 18th December 1888. Appointed Assistant Surveyor-General in charge Surveyor-General's Office and Mathematical Instrument Office from 7th May 1889.

War Services.—Served as Survey Officer with the 1st Division of the Quetta Field Force under Lieutenant-General D. Stewart, C.B, from 12th November 1878 to November 1879—mentioned in despatches—medal—Brevet of Major.

LIEUT.-COLONEL J. HILL, *Royal Engineers, Deputy Superintendent, 3rd Grade.*—Obtained his commission as Lieutenant in the Royal Engineers; joined at Chatham on the 25th June 1862.

and after serving at the S M. E., Chatham, and on the Plymouth Defences, arrived in India on the 10th December 1865; joined Bengal Sappers and Miners at Roorkee, 27th January 1866; appointed Assistant Surveyor (then designation for Assistant Superintendent), 2nd grade, Great Trigonometrical Survey of India, 4th December 1866; posted to Kumaon and Garhwal Series, Great Trigonometrical Survey, 28th December 1866; sick leave to Europe from 11th November 1868 to 30th October 1869; promoted to Assistant Superintendent, 1st grade, Great Trigonometrical Survey, 30th October 1870; assumed charge of the Kumaon and Garhwal Series, 11th February 1871; Officiating Deputy Superintendent, 3rd grade, 1st April 1871; reverted to substantive appointment of Assistant Superintendent, 1st grade, 4th April 1872; Officiating Deputy Superintendent, 3rd grade, 23rd August 1873; relieved of charge of Kumaon and Garhwal Series, 1st October 1873; assumed charge of Bombay Party, 28th October 1874; Local Captain, 25th June 1874; reverted to substantive appointment of Assistant Superintendent, 1st grade, 28th October 1874; relieved of charge of Bombay Party, 19th October 1879; furlough to Europe from 20th January 1875 to 27th January 1877; promoted to Captain, 16th September 1875; rejoined appointment in India, 28th January 1877; assumed charge of the Eastern Frontier Series, 17th March 1877; Officiating Deputy Superintendent, 3rd grade, 1st April 1878; reverted to substantive appointment of Assistant Superintendent, 1st grade, 22nd April 1879; furlough to Europe for 182 days, 26th May 1879; returned from furlough and resumed charge of Eastern Frontier Series, 25th December 1879; Officiating Deputy Superintendent, 3rd grade, from 9th April 1880; promoted to Major, 25th June 1882; Deputy Superintendent, 4th grade, 1st July 1882; continued to officiate as Deputy Superintendent, 3rd grade, up to 8th January 1883, and again officiated in the same grade from 12th February 1883 up to 30th September 1884; assumed charge of Tidal and Levelling Party, 4th April 1884; attached to Afghan Boundary Commission, 1st September 1884; promoted to Deputy Superintendent, 3rd grade, 1st October 1884; assumed charge of Konkan Topographical Survey Party, 2nd October 1884; temporarily transferred to the charge of the Tidal and Levelling Party, 6th July 1885; resumed charge of South Mahratta Topographical Survey Party, 23rd October 1885; re-transferred to Tidal and Levelling Party, 29th December 1885, and assumed charge thereof, 20th January 1886; Officiating Deputy Superintendent, 2nd grade, from 22nd April to 31st October 1886, and from 20th November to 8th December 1886, and again from 15th May 1887 up to 29th August 1887. Furlough to Europe for 1 year and 5 months, from 18th May 1888. Promoted to half pay Lieutenant-Colonel, from 25th June 1889. Extension of furlough for 2 months; further extension for 5 months.

WILLIAM HAMMOND COLE, M.A., CANTAB., F.R.A.S., F.R.G.S., *Officiating Deputy Superintendent, 2nd Grade.*—Appointed to the Educational Department, North-Western Provinces, direct from England, 14th April 1862, as Professor of Mathematics at the Government College, Agra; sick leave from 9th September to 8th November 1863; permitted to resign appointment from 1st March 1864 on account of continued ill-health; after nearly three years' residence at Mussooree as Mathematical Master at Mr. Maddock's School was re-appointed to the Government service, 3rd January 1867, as Probationary Assistant Surveyor in the Great Trigonometrical Survey of India, and Assistant to the Officer in charge of the Computing Office, being at the same time placed in charge of the Photozincographic Branch of the Computing Office, Dehra; appointed Assistant Surveyor, 2nd grade, on 1st September 1867; conducted the duties of the Computing Office in all its branches from middle of December 1867 to beginning of April 1868, during the absence of Mr. J. B. N. Hennessey, M.A.; designation changed to Assistant Superintendent of Survey, 1st September 1869; promoted to 1st grade, 4th December 1870; officiated as Deputy Superintendent, 3rd grade, from 1st April 1871 to 16th December 1871; officiated again in this grade from 2nd November 1873 to 30th September 1874; officiated again as Deputy Superintendent, 3rd grade, and held charge of the Computing Office from 4th January 1875 to 27th March 1876; furlough on private affairs from 27th March 1876 to 21st March 1877; on amalgamation and reduction of the three branches of the Survey Department on the 1st January 1878, reverted to the 2nd grade of Assistant Superintendent, officiating in 1st grade; again promoted to 1st grade, 27th October 1878; officiated as Deputy Superintendent, 3rd grade, from 14th December 1880 to 14th June 1881, and again from 24th April to 14th May 1882; promoted to Deputy Superintendent, 4th grade, 1st July 1882; officiated as Deputy Superintendent, 3rd grade, from 7th November to 5th December 1882, and again from 20th April 1883 to 27th November 1884; officiating in charge Head-quarters Office, Dehra Dun, and Survey Detachment in Kashmir, 12th February 1883; confirmed with effect from 12th January 1884; promoted to Deputy Superintendent, 3rd grade, 28th November 1884. Charge of Coast Party from 1st July to 1st August 1887 in addition to his other duties. Furlough to Europe from 12th January 1888 to 16th February 1889. Rejoined Trigonometrical Branch Office and assumed charge of the Computing Party, 23rd February 1889. Officiating Deputy Superintendent, 2nd grade, from the same date. In charge of the Drawing Section from 11th March to 8th April 1889, and again from 15th October 1889

Literary Works.—Took part in the compilation of Volumes I to IV, IVA, and VI to VIII of the "Account of the Operations of the Great Trigonometrical Survey of India," to which he contributed several Mathematical and Scientific papers in the form of Appendices, also in the compilation of the 21 Volumes of "Synopsis of the Results of the Operations of the Great Trigonometrical Survey of India;" translated from the German, "Hansen's Treatise on the Method of Minimum Squares generally and in its Application to Geodesy," in connection with the final reduction of the triangulation of India by this method; also made several other translations of a minor character in connection with his official work.

LIEUTENANT-COLONEL J.R. MCCULLAGH, *Royal Engineers, Officiating Deputy Superintendent, 2nd Grade.*—First commission, 18th December 1861; joined at Chatham, February 1862; joined at Belfast, June 1864; landed at Calcutta, 20th October 1865; joined Head-quarters, Bengal Sappers and Miners, Roorkee, 27th October 1865; Officiating Doing Duty Officer, 27th January 1866; Command of Detachment, 1st and 3rd Companies, B. S. and M., at Peshawur, 30th April 1866; passed Lower Standard, Hindustani; Permanent Doing Duty Officer, 4th July 1867; Officiating Adjutant and 2nd-in-Command, B. S. and M., 17th April 1868; appointed to the Public Works Department, 6th November 1868; appointed to the Great Trigonometrical Survey of India, 1st March 1869, as Assistant Surveyor, 2nd grade; officiating in charge, Guzerat Party, ten months, 1870-71; Assistant Superintendent, 1st grade, 1st January 1872; Captain, 11th December 1873; under the re-organization, became Assistant Superintendent, 2nd grade, 1st April 1874; furlough to Europe from 1st November 1873 to 27th October 1874; Officiating Assistant Superintendent, 1st grade, 28th October 1874; charge of No. 1 Extra Party, 13th November 1874; Officiating Assistant Superintendent, 1st grade, in charge No. 9 Party, Mysore Topographical Survey, 1st August 1875; reverted, 12th April 1877; Officiating Assistant Superintendent, 1st grade, in charge No. 8 Party, Mysore Topographical Survey, 27th April 1877; furlough to Europe, with six months' duty at Chatham in addition, from 5th November 1877 to 5th May 1879; Officiating Assistant Superintendent, 1st grade, 6th May 1879, and attached to Mysore Topographical Survey; promoted to Assistant Superintendent, 1st grade, on 14th December 1880; joined Hanthawaddy District Cadastral Survey in British Burma on 2nd June 1881, and received charge of party on 1st August 1881; promoted to Major, 18th December 1881; Deputy Superintendent (new), 4th grade, 1st July 1882; Officiating Deputy Superintendent, 3rd grade, from 1st November 1883 to 23rd March 1884, and again from 4th April to 15th March 1886; assumed charge of Mysore Topographical Survey, 20th March 1884; furlough to Europe for one year, from 26th March 1886, on medical certificate; extension of 6 months. Further extension of 6 months. Deputy Superintendent, 3rd grade, from 1st January 1887. Returned from furlough and held temporary charge of No. 4 Party (Basti), from 25th January to 4th May 1888. Transferred to No. 19 Party (Madras), from 5th May 1888, and assumed charge on the afternoon of 20th June 1888. Officiating Deputy Superintendent, 2nd grade, from 15th November to 22nd December 1888, from 20th to 22nd February 1889, and from 7th May 1889. Promoted to half pay Lieutenant-Colonel on 18th December 1888.

War Services.—Appointed Assistant Field Engineer to the Bhutan Field Force, and to command No. 2 Company, B. S. and M., 3rd January 1866—medal and clasp.

COLONEL JOHN RANDAL WILMER, *Bengal Staff Corps, Officiating Deputy Superintendent, 2nd Grade.*—Joined the service as Lieutenant in the Royal Artillery on the 22nd June 1859; joined the Battery at Guernsey, 1st August 1859; arrived in India on 27th October 1860; Acting Adjutant, 11th Brigade, Royal Artillery, for one month, May 1863; held command of G-11, Royal Artillery, from 22nd September 1864 till 24th March 1866 (one year and six months); leave on private affairs, 7th May 1866 to 7th August 1866 (three months); Acting Adjutant, 11th Brigade, September and October 1867; embarked for England with G-11, Royal Artillery, on 20th November 1867; leave on private affairs, 18th February 1868 to 18th April 1868; returned to India and joined 3-22nd Royal Artillery, 28th April 1869; officiated as a 3rd class Commissary of Ordnance, from 22nd June 1869 to 23rd August 1869; appointed to Staff Corps, 24th August 1869; Assistant Superintendent, Topographical Survey, 24th August 1869; sick leave from 19th December 1871 to 2nd March 1872; promoted to Brevet Captain, 22nd June 1871; promoted to Assistant Superintendent, 1st grade, Topographical Survey, 28th August 1872; substantive Captain in Staff Corps, 24th August 1873; appointed to charge of No. 5 Topographical Survey Party, 12th October 1874; reverted to Assistant Superintendent, 2nd grade, on amalgamation of the Surveys; Officiating Assistant Superintendent, 1st grade, 1st January 1878; promoted to Major, 22nd June 1879; promoted to Assistant Superintendent, 1st grade, 24th April 1882; promoted to Deputy Superintendent (new), 4th grade, 1st July 1882; Officiating Deputy Superintendent, 3rd grade, from 5th to 13th March, 30th April to 8th May, 7th to 24th August, and from 24th September 1884 up

to 31st October 1886; promoted to the rank of Lieutenant-Colonel, 22nd June 1885; appointed to charge of Baluchistan Survey Party from 1st October 1885 to 31st October 1886; furlough to Europe for 1 year, from 10th November 1886, on medical certificate. Extension of 6 months. Further extension for 6 months. Promoted to Deputy Superintendent, 3rd grade, 19th February 1887. Returned from furlough 18th October 1888, and assumed charge of No 14 Party (Hoshangabad) on the 23rd idem. Promoted to Colonel, 22nd June 1889; Officiating Deputy Superintendent, 2nd grade, from 26th October 1889.

COLONEL S. H. COWAN, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Cadet at the Military College, Addiscombe, from January 1858; received commission as Lieutenant, Bengal Artillery, 9th December 1859; arrived in India, 9th April 1860; served with Bengal Artillery Depôt at Meerut, April 1860; posted to 4th Company, 3rd Battalion, Bengal Artillery; served with D Battery, 16th Brigade, Royal Artillery, February 1861; appointed in the Ordnance Department, 4th October 1866; admitted to Staff Corps, 19th January 1867; appointed Assistant Superintendent, 3rd grade, in the 4th Division Survey, Bengal, 19th January 1867; appointed Assistant Superintendent, 2nd grade, 17th March 1868; went on furlough to Europe, 30th May 1870; promoted to Captain (Brevet), 9th December 1871; returned from furlough, 3rd May 1872; transferred to 1st Division (Assam) Survey, 1st June 1872; promoted to Captain, 24th December 1872; went on sick leave to Europe, 16th July 1875; returned from Europe, 7th November 1876; transferred to Behar Irrigation Survey, 30th November 1876; transferred to Head-quarters Office, 1st March 1878; transferred to take charge of Cachar Survey, 23rd November 1878; transferred to Head-quarters Office, Photographic Branch, 14th November 1879; promoted to Major, 9th December 1879; on special duty, Surveyor-General's Office, Photographic Branch, Calcutta, from 26th December 1881; assumed charge, Hooghly River Survey, 7th April 1882, and held it up to 24th July 1883; Assistant Superintendent, 1st grade (new), 1st July 1882; personal allowance of ₹100, 1st April 1881 till promotion to Deputy Superintendent, 2nd grade; Officiating Deputy Superintendent, 4th grade (new), from 1st July 1882 up to 28th April 1883, and confirmed in that grade, 29th April 1883; furlough to Europe from 7th August 1883; assumed charge of Benares and Basti Districts (Cadastral) Survey, North-Western Provinces, from 11th December 1883; Officiating Deputy Superintendent, 3rd grade, from 6th to 13th March 1884, and again from 16th September 1884 to 16th July 1888; promoted to Lieutenant-Colonel, 9th December 1885. Confirmed as Deputy Superintendent, 3rd grade, from 17th July 1888. Transferred to the charge of No. 8 Party (Bengal and Orissa), from 20th February 1889. Furlough for 1 year and 163 days from 29th October 1889. Promoted to Colonel 9th December 1889.

LIEUTENANT-COLONEL EDWARD HARRIS STEEL, *Bengal Staff Corps, Officiating Deputy Superintendent, 2nd Grade.*—Received commission as Lieutenant, Bengal Artillery, from the Royal Military College at Addiscombe on 8th June 1860; arrived in India, 11th October 1860; leave on medical certificate to hills north of Kumaon from 10th June to 1st November 1861; leave on medical certificate to Europe from May 1865 to June 1866, after Bhutan campaign; appointed Assistant Superintendent of Survey, 2nd grade, Survey Department, 1st February 1867, in Assam; leave to Europe on medical certificate, December 1867 to December 1868; returned to Regiment of Royal Artillery; re-appointed and rejoined Survey Department as Assistant Superintendent, 2nd grade, on 26th January 1869; admitted to Staff Corps, 26th January 1869; Captain, Staff Corps, 26th January 1873; in charge 2nd Division, Revenue Branch, from 2nd November 1876 to 19th April 1877, and again from 18th July to 18th November 1877; Officiating Assistant Superintendent, 1st grade, from 1st to 11th January 1878, again from 1st February to 6th May 1879; Officiating Assistant Surveyor-General, 17th March 1878 to 9th October 1879; Officiating Assistant Superintendent, 1st grade, from 20th June to 10th October 1879; in charge of Gwalior and Central India Topographical Party from 20th October 1879 to 18th October 1880; promoted to Major, 8th June 1880; Officiating Assistant Superintendent, 1st grade, from 1st November 1879 to 7th December 1881; personal allowance of ₹100, 1st April 1881 until promotion to Deputy Superintendent, 2nd grade; transferred to charge of Bassein District Survey from 20th November 1880; furlough on medical certificate from 8th December 1881; extension for 6 months; further extension for 4 months and 10 days; Assistant Superintendent (new), 1st grade, 1st July 1882; returned from furlough, 22nd October 1883; Officiating Deputy Superintendent, 4th grade, from the same date; assumed charge of Aligarh and Etah Districts Topographical Survey, North-Western Provinces, 27th October 1883 to 26th January 1884; confirmed as Deputy Superintendent, 4th grade, from 10th January 1884; superintending detached parties working in Dehra Dun, Chhattisgurh, and Ajmere, from 27th January 1884; resumed charge of Aligarh and Etah Districts Topographical Survey, North-Western Provinces, 7th August 1884; Officiating Deputy

Superintendent, 3rd grade, from 3rd December 1884 to 15th November 1885; transferred to charge of Bilaspur District Cadastral Survey, 4th November 1885, together with superintendence of Ajmere Survey Detachment; Officiating Deputy Superintendent, 3rd grade, from 21st January 1886 to 25th October 1886; promoted to Lieutenant-Colonel, 8th June 1886; furlough to Europe (on medical certificate) from 10th November 1886. Returned from furlough and resumed charge of No. 2 Party (Bilaspur), 24th November 1887. Officiating Deputy Superintendent, 3rd grade, from the same date up to 25th March 1889; confirmed, 26th March 1889. Officiating Deputy Superintendent, 2nd grade, from 1st December 1889.

War Services.—Served with Khasi and Jaintia Field Force from December 1862 to May 1863; served with Bhutan Field Force from November 1864 to April 1865; present at taking of Dewangiri—medal and clasp.

COLONEL H. S. HUTCHINSON, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Cadet at the Military College, Addiscombe, from January 1858 to December 1859; appointed a Lieutenant in the Bengal Artillery on 9th December 1859; landed in India, 9th April 1860; served with the Artillery at Meerut, Lahore, and Peshawur up to 9th April 1865; appointed to No. 1 Light Field Battery, Punjab Irregular Force, on 10th April 1865, per G. G. O. No. 380 of 1865; served with it at Bannu and Dera Ismail Khan up to 12th August 1867; appointed as Probationary Assistant Superintendent of Survey in the 3rd Division, Central Provinces, on 13th August 1867, and appointed to the Staff Corps on the same date; promoted to 2nd grade Assistant Superintendent of Survey on 13th August 1868; served with the 3rd Division up to 20th May 1870; furlough to Europe on medical certificate from 21st May 1870 to 31st December 1871; promoted to local rank of Captain on 9th December 1871; served with the 4th Division, Central Provinces Survey, from 1st January 1872 to 30th September 1872; appointed to 11th Deccan Topographical Survey on 1st October 1872; promoted to substantive rank of Captain on 25th March 1873; Officiating Assistant Superintendent of Survey, 1st grade, from 1st January 1878; promoted to Major, 9th December 1879; served with Ghazipur Cadastral Survey from 1st January to 3rd April 1881; in temporary charge of the Darjeeling Survey Party from afternoon of the 8th April 1881; on duty, Head-quarters Office, Calcutta, from 2nd August 1881; furlough on medical certificate from 29th August 1881 to 27th October 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; personal allowance of R100 from 1st April 1881 until promotion to Deputy Superintendent, 2nd grade; Officiating Deputy Superintendent, 4th grade, from 29th October 1882 up to 6th August 1884; doing duty in the Head-quarters Office, Calcutta, from 30th October to 25th November 1882; transferred to Bassein District Cadastral Survey, 26th November 1882; received charge of this Survey, 29th May 1883; confirmed in the 4th grade of Deputy Superintendent, 7th August 1884; Officiating Deputy Superintendent, 3rd grade, from 6th July to 12th October 1885; transferred to charge of Akyab District Cadastral Survey, 22nd October 1885; Officiating Deputy Superintendent, 3rd grade, from 26th October to 6th November 1885; promoted to Lieutenant-Colonel, 9th December 1885; Officiating Deputy Superintendent, 3rd grade, from 3rd February to 8th March 1886, and from 10th March 1886 up to 25th April 1889; confirmed 26th April 1889. Assumed charge of No. 10 Party (South Mahratta), 22nd October 1887. Promoted to Colonel, 9th December 1889.

EDWIN CLIFFORD BARRETT, *Deputy Superintendent, 3rd Grade.*—Joined the Right Bank Indus-Sind Revenue Survey as Probationary Assistant Surveyor, 18th November 1862; Sub-Assistant, 3rd grade, 1st January 1864; transferred to Central Provinces (Chanda District) Survey, 1st February 1865; passed the examination laid down in G. O. P. C. No. 244, dated 19th April 1851, as prescribed for the Senior Department, and appointed Assistant Superintendent, 2nd grade, 30th December 1868; sick leave for one month from 20th June 1869; transferred to the Raipur District Survey (2nd Division, Central Provinces), 1st November 1869; passed the Higher Standard Examination in Hindustani, 20th October 1871; was one of the staff of Survey officers who accompanied the Right Column, Lushai Expeditionary Force, in 1871-72; officiated as Assistant Superintendent, 1st grade, from 30th December 1871 to 3rd March 1872; transferred to the 1st Division, Bahawalpur, from 1st June 1872; transferred to the 4th Division, North-Western Provinces, 1st October 1872; officiated as Assistant Superintendent, 1st grade, from 6th July 1873 to 4th November 1873, and again from 1st December 1873 to 14th January 1874; transferred to the Khurda Estate Survey, Orissa, 1st November 1876; in charge of the Khurda Estate Survey from 22nd July to 12th November 1877; Officiating Assistant Superintendent, 1st grade, from 1st April 1878; in charge of the Cuttack District, Irrigation Survey, from 23rd May to 28th November 1878; transferred to the 6th Division, North-Western Provinces, from 1st December 1878; transferred to Ghazipur Survey, 20th July 1879, thence to Bassein Survey, British Burma, 11th November 1879; furlough to Europe, 27th August 1880 to 12th July 1882; subsidiary leave from 13th to 23rd idem;

doing duty in the Head-quarters Office, Calcutta, from 24th July to end of October 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, from 24th July 1882 up to 30th September 1884; transferred to Burma Topographical Survey, British Burma, 1st November 1882; assumed charge of Hooghly River Survey which afterwards went to Assam and became Kamrup District, subsequently called Assam (Cadastral) Survey, 25th July 1883; confirmed in the 4th grade of Deputy Superintendent from 1st October 1884; Officiating Deputy Superintendent, 3rd grade, from 16th March 1886 up to 4th May 1889; confirmed 5th May 1889.

War Services.—Served with the Right Column, Lushai Expeditionary Force, in 1871-72—medal and clasp, and received the thanks of the Government of India.

LIEUTENANT-COLONEL REGINALD BEAVAN, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Appointed as Ensign, 4th May 1860, General List, Infantry; 11th June 1860, arrived in India; attached for duty to 19th Foot at Benares; leave on medical certificate, to Europe from 15th October 1860 till 11th October 1862 (exclusive) 1st January 1862, promoted to Lieutenant; in 1861, went through a course of instruction at the School of Musketry, obtained extra first class certificates; on return to India was attached* to 23rd Fusiliers at Fyzabad; marched with them to Agra; 27th March 1863, appointed Musketry Instructor to the 19th Hussars at Lucknow; marched with them to Meerut; held this appointment till 15th April 1865; leave on private affairs to the hills; 12th July 1865, took up the appointment of Quarter-Master, 22nd Punjab Native Infantry, at Umballa; marched to Morar in May 1866; attended the officers' surveying class at Roorkee in the winter of 1867-68, first class certificates for surveying and field engineering; 9th September 1867, appointed to the Bengal Staff Corps; 17th July 1868, appointed to the Topographical Survey Department as Assistant Surveyor, 2nd grade (this appointment was afterwards cancelled and made probationary); joined No. 6 Party, Khasi, Garo, and Naga Hills Survey at Cherrapunji; 9th November 1869, promoted to Assistant Surveyor, 2nd grade; 1st May 1870, transferred to Revenue Branch and joined Hazaribagh Survey Party; 1st October 1870, transferred to Bahawalpur Party; 1st December 1870, transferred to Dera Ghazi Khan Survey; furlough (medical certificate) to England from 25th November 1871 to 22nd November 1872; joined 1st Division, Central Provinces Survey, 29th November 1872; on detached duty at Chandgurh from February to May 1873; on detached duty at Ahiri, Chanda District, during the field season of 1873-74; transferred to Dera Ismail Khan Survey, 1st October 1874; worked in Dera Ismail Khan, Bunnoo and Rawal Pindi Districts, and in the winter of 1877-78 in the Jowaki country and Kohat Pass; reduced to Assistant Superintendent, 3rd grade, 1st January 1878, by the operation of the new organisation of the Survey Department; 13th May 1878, officiating 1st grade Assistant Superintendent; 5th October, reverted to officiating 2nd grade; 27th October, promoted to 2nd grade (third time); 27th October, officiating 1st grade; 28th November, reverted to 2nd grade; 22nd December, officiating 1st grade; 4th February 1879, reverted to 2nd grade; promoted to Major, 4th May 1880; organised and took charge of the Baluchistan Topographical Survey from 27th July 1880; Officiating Assistant Superintendent, 1st grade, from 17th November 1880 to 30th June 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, from 1st July 1882 up to 9th November 1884; assumed charge of No. 1 Topographical Party, 1st October 1883; promoted to Deputy Superintendent, 4th grade, from 10th November 1884; Officiating Deputy Superintendent, 3rd grade, from 21st March 1886 up to 7th June 1887; Officiating Assistant Surveyor-General in charge Cartographic, Engraving, and Map Record and Issue Offices from 17th April 1886; promoted to Lieutenant-Colonel, 4th May 1886; furlough from 8th June 1887 to 6th December 1888. Returned from furlough on the 7th December 1888. Officiating Deputy Superintendent, 3rd grade, from that date up to 27th June 1889; confirmed 28th June 1889. Assumed charge of No. 20 Party (Burma) on the 20th December 1888.

* By Presidency Division Order of 4th November 1862.

War Services.—Attached to the Army operating in Southern Afghanistan from October 1878—medal; accompanied General Biddulph's Division to Girishk; mentioned in Lieutenant-General D. M. Stewart's despatches and in Field Force Order by General Biddulph, dated 6th March 1879; engaged surveying in Southern Afghanistan and Baluchistan till 1st April 1880, and again from 27th July 1880; accompanied the Marri Field Force under Brigadier-General C. MacGregor in October and November 1880; accompanied the Bozdar Field Force under Brigadier-General H. C. Wilkinson in November and December 1881.

G. H. COOKE, *Deputy Superintendent, 3rd Grade.*—Arrived in India in 1865; joined the Survey Department as Sub-Assistant, 1st class, 6th December 1866; Assistant Revenue Surveyor, 3rd class, on 6th December 1869; Probationary Assistant Superintendent, 1st April 1870; Assistant Superintendent, 2nd grade, 10th May 1871; served in the Hazaribagh

District Survey until October 1871; from November 1871 to May 1872, with Lushai Expeditionary Force; examination leave for three months, from 5th June 1872 to 4th September 1872; transferred to Head-quarters from 5th September 1872; from 1st November 1872, special duty, Chittagong; in June 1873, transferred to Naini Tal, for the completion of the survey of the Naini Tal Sanitarium on the scale of 16 inches = 1 mile; in November 1873 was transferred to the 9th Bilaspur District Survey, and completed the survey of Aheri Zamindari; under the re-organization of 1st April 1874, Officiating Assistant Superintendent, 3rd grade; in November 1874, joined the Azimgarh District (Cadastral) Survey; on 1st April 1876, transferred to Goorgaon District Survey; in November 1876, transferred to Deccan Survey; held charge of the survey from 22nd August 1877 to 2nd January 1878; Officiating Assistant Superintendent, 2nd grade, from 1st January 1878; again took over charge of Deccan Survey on 12th September 1878; furlough from 22nd May 1880 to 8th June 1882; promoted to Assistant Superintendent, 2nd grade, on 14th December 1880; transferred to Meerut, &c., Districts (Topographical) Survey, and joined 9th June 1882; Assistant Superintendent (new), 1st grade 1st July 1882; Officiating Deputy Superintendent, 4th grade 1st July to 31st October 1882; 2nd and 3rd November 1882; from 7th idem up to 31st December 1882; 14th March 1883, and from 20th April 1883 up to 21st October 1885; transferred to Benares, &c., Districts (Cadastral) Survey, 17th October 1883; appointed to do duty at the Head-quarters, Calcutta, from 17th August 1884; transferred to the Basti District (Cadastral) Survey, 1st May 1885; held temporary charge of Cutch Party, Topographical Survey, from 11th August 1885; confirmed as Deputy Superintendent, 4th grade, 22nd October 1885; assumed charge of Jubbulpore District Traverse Survey, 26th October 1885; Officiating Deputy Superintendent, 3rd grade, from 22nd April 1886 to 23rd October 1887; from 4th to 23rd November; from 25th to 29th November 1887; from 6th to 24th January 1888; from 11th February to 13th April 1888, and from 16th May 1888 up to 11th August 1889. Confirmed 12th August 1889.

War Services.—On 1st November 1871 was deputed on special service with Right Column, Lushai Expeditionary Force; received a medal and the thanks of the Government of India; served a second year in the Lushai country with Major Lewin, Political Officer, and connected the work done by the Survey officers attached to the Right and Left Columns of the Lushai Expeditionary Force.

EDWIN JAMES JACKSON, *Officiating Deputy Superintendent, 3rd Grade.*—Arrived in the country, 26th June 1864; joined the Department as Senior Sub-Assistant Revenue Surveyor, 26th September 1864; Probationary Assistant Superintendent, 1st April 1866; Assistant Superintendent, 2nd grade, 5th November 1868; sick leave from 4th July to 3rd August 1867; sick leave from 19th August to 30th November 1867; sick leave to Europe from 23rd July 1871 to 10th November 1872; in temporary charge of the 2nd Division, Revenue Survey (Assam), 20th January to 13th February 1873, or about January 1873; special duty, defined the Naga Frontier Boundary common to District Sibsagur, from December 1873 to May 1874; Cachar Tea Grants Survey from 28th November 1874 to April 1875; relaying the old boundaries to the north-west of Faridpur, which had been washed away by the River Ganges during the past 20 years; employed on this work from February 1877 to April 1877; transferred to 5th Division Survey from 1st July 1877; on furlough from 1st May 1880 to 3rd December 1881; transferred to No. 2 Party, Hanthawaddy District, British Burma; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, afternoon of 18th November 1882; reverted to Assistant Superintendent, 1st grade, from 6th December 1882; Officiating Deputy Superintendent, 4th grade, from 29th April 1883 up to 25th October 1885; in charge of No. 2 Revenue Party, Hanthawaddy District Survey, British Burma, from 19th February 1884; confirmed as Deputy Superintendent, 4th grade, 26th October 1885; furlough to Europe from 12th November 1885 to 23rd October 1886; appointed to the charge of Saugor Traverse Survey from 29th October 1886; Officiating Deputy Superintendent, 3rd grade, from 27th October to 16th December 1886, from 1st to 4th January 1887, and from 15th May 1887 to 25th September 1887; again from 21st June 1888.

MAJOR ST. GEORGE CORBET GORE, *Royal Engineers, Officiating Deputy Superintendent, 3rd Grade, and Officiating Assistant Surveyor-General.*—Joined the service, 8th January 1870; arrived in India, 15th November 1872; appointed Assistant Superintendent, 2nd grade, Great Trigonometrical Survey of India, 25th March 1873; joined the Great Trigonometrical Survey at Dehra Dun on 11th April 1873, and attached to the Dehra Dun Survey Party; Officiating Assistant Superintendent, 1st grade, from 2nd November 1873; by consolidation scheme of 1st April 1874 became Assistant Superintendent, 3rd grade, officiating 2nd grade; reverted to 3rd grade from 28th October 1874; Officiating 2nd grade from 4th January 1875; transferred to Topographical Department for work, 15th October 1875, and

attached to the Bhopal and Malwa Survey; transferred to Gujarat Party, Great Trigonometrical Survey, 5th January 1878; appointed to officiate in charge Gujarat Party, 2nd September 1878; relieved of the charge of Gujarat Party, October 1878; ordered on service to Afghanistan, 3rd January 1879; reverted to Assistant Superintendent, 3rd grade, 26th April 1879; Officiating Assistant Superintendent, 2nd grade, from 16th July 1879 to 10th December 1880; furlough to Europe for two years from 11th December 1880; promoted to Captain, 8th January 1882; Assistant Superintendent (new), 2nd grade, 1st July 1882; promoted to Assistant Superintendent, 1st grade, 10th October 1882; appointed to do duty at Head-quarters, Calcutta, from 13th December 1882; Officiating Deputy Superintendent, 4th grade, from 29th May 1883 to 9th March 1886; attached to the Afghan Boundary Commission, 26th August 1884; confirmed as Deputy Superintendent, 4th grade, 10th March 1886; Officiating Deputy Superintendent, 3rd grade, from 4th May to 17th August 1886; returned to India, 23rd November 1886; Officiating Deputy Superintendent, 3rd grade, 26th October 1886, and from 20th November to 8th December 1886; appointed to superintend the final mapping connected with the Afghan Boundary Commission at Dehra Dun; Brevet-Major, 16th February 1887; Officiating Deputy Superintendent, 3rd grade, 7th June 1887 up to 29th August 1887, and again from 7th January 1889; employed on Military duty in Europe from 15th February 1888 to 6th January 1889. Promoted to Major, 26th May 1889; posted to Trigonometrical Branch Office, Drawing Section, 7th January 1889, and to charge thereof from 17th April 1889. Appointed to officiate as Assistant Surveyor-General in charge Drawing and Engraving Offices, Calcutta, from 26th October 1889; appointed to the charge of the Calcutta Survey Detachment from 29th October 1889.

War Services.—Served with the Afghanistan Field Force, Quetta Column, from 9th February 1879 to 15th May 1880; accompanied Sir D. Stewart's column in its march from Kandahar to Kabul as Officer in charge of Survey; present at the action of Ahmed Khel, near Ghazni, and of Urzu Shabiz at Ghazni.

MAJOR JAMES RAMSAY HOBDAY, *Bengal Staff Corps, Officiating Deputy Superintendent, 3rd Grade.*—Ensign 2-25th King's Own Borderers, 13th January 1869—G. O. C. C., 3rd March 1869, p. 88; date of arrival in India, 31st March 1869; 2nd Wing Subaltern on probation, 30th Regiment, Bengal Infantry, 20th March 1871—G. O. C. C., 4th April 1871, p. 165; 1st Wing Subaltern on probation, 38th Regiment, Bengal Infantry, 6th May 1871—G. O. C. C., 16th May 1871, p. 242; Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 21st November 1872 to 5th January 1873—G. O. C. C., 19th December 1872, p. 609; Station Staff Officer, Buxa, Bhutan, 16th March 1873 to 18th September 1874—G. O. C. C., 5th April 1873, p. 170; Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 6th April 1873 to 27th June 1873—G. O. C. C., 9th July 1873; General leave from 12th July 1873 to 17th November 1873—G. O. C. C., 16th August 1873, p. 330, and G. O. C. C., 23rd December 1873, p. 559; Assistant Superintendent, 3rd grade (on probation), Topographical Survey Department, 11th September 1874—Revenue, Agriculture, and Commerce Department, No. 538 of 11th September 1874; Assistant Superintendent, 3rd grade, Topographical Survey Department, 7th July 1875—Revenue, Agriculture, and Commerce Department, No. 505 of 19th July 1875; Officiating Assistant Superintendent, 2nd grade, Survey of India, from 1st to 10th January 1878, 1st to 5th February 1878, 15th February to 28th April 1878; furlough for 2 years from 29th April 1878; recalled to duty to join Afghan Field Force, 15th December 1878; left England, 25th December 1878; arrived at Bombay, 15th January 1879; Officiating Assistant Superintendent, 2nd grade, from 15th January 1879 to 3rd February 1879; medical certificate for one year, from 1st December 1879; Officiating Assistant Superintendent, 2nd grade, from 3rd April 1881 to 30th June 1882; promoted to the rank of Captain, 13th January 1881; Assistant Superintendent (new), 2nd grade, 1st July 1882; Officiating Assistant Superintendent, 1st grade, from 1st July 1882 to 14th April 1883; promoted to Assistant Superintendent, 1st grade, 15th April 1883; Officiating Deputy Superintendent, 4th grade, from 25th July 1883 to 21st October 1883, from 25th October 1883 to 23rd March 1884, and from 4th April 1884 to 31st December 1886; in charge Andaman Topographical Party, from 1st November 1883 to 19th March 1886; in charge Upper Burma Topographical Party, from 20th March 1886; Officiating Deputy Superintendent, 3rd grade, from 4th May to 17th August, 26th October, and from 19th to 22nd November 1886; confirmed as Deputy Superintendent, 4th grade, 1st January 1887; Brevet-Major, 1st July 1887; Officiating Deputy Superintendent, 3rd grade, from 17th July 1888 to 6th January 1889; 20th to 22nd February 1889; and from 7th May 1889. Promoted to Major, 13th January 1889.

War Services.—Served with Kandahar Field Force, Southern Afghanistan, from 13th February to 31st October 1879; accompanied column under Brigadier-General Palliser to Khakrez Valley —medal. Served with Upper Burma Field Force from 2nd April 1886 to end of Campaign,

mentioned in despatches of Major-General Sir George White, V.C., K.C.B. Services acknowledged by the Commander-in-Chief and Chief Commissioner.—medal with clasp and Brevet Majority.

CAPTAIN FRANCIS BACON LONGE, *Royal Engineers, Deputy Superintendent, 4th Grade.*—Lieutenant, 2nd February 1876; appointed to India Establishment, 1st November 1878; arrived in India, 15th January 1879; appointed Supernumerary Assistant Superintendent, 3rd grade, Survey of India, 15th March 1880; Assistant Superintendent (new), 2nd grade, 1st July 1882; confirmed in the Survey Department, 13th September 1882; officiated as Assistant Superintendent, 1st grade, from 13th September 1882 to 9th July 1884; held charge of the Deccan Party from 6th October to 21st November 1883; confirmed, 10th January 1884; officiated as Deputy Superintendent, 4th grade, from 6th to 13th March 1884, and again from 26th August 1884 to 10th April 1888; appointed to do duty at Head-quarters, Calcutta, 17th January 1885; in charge Suakim Expeditionary Survey, from 4th March 1885; attached to the Tidal and Levelling Operations, 19th June 1885; transferred to the charge of the South-Mahratta Survey Party, 6th July 1885; re-transferred to the Tidal and Levelling Operations, 19th October 1885; again in charge South Mahratta Survey Party, 29th December 1885; in charge of Baluchistan No. 1 Party, from 1st November 1886; promoted to Captain, 2nd February 1887; overstayed privilege leave by 5 days, 12th to 16th September 1887. Confirmed as Deputy Superintendent, 4th grade, 11th April 1888; Officiating Deputy Superintendent, 3rd grade, from 1st September 1888 to 22nd October 1888, and from 1st to 15th November 1888. Furlough for 18 months, from 16th November 1888.

War Services.—Joined the Head-quarters of the Bengal Sappers and Miners in the Khyber at Jalalabad in February 1879; served as Assistant Field Engineer attached to the 7th Company, Bengal Sappers and Miners, with the Kurram and Kabul Field Forces from March 1879 till 14th March 1880, and was present at the battle of Charasia, 8th October 1879, and the actions round Kabul from 10th to 23rd December; served as Assistant Superintendent of Survey with Kabul and Kandahar Field Forces from 15th March 1880 to the close of the campaign in May 1881, and was present at skirmish at Saidabad on 26th April 1880; marched with the Force under Sir F. Roberts from Kabul to Kandahar, and was present at the battle of Kandahar, 1st September; twice mentioned in despatches of Sir F. Roberts and received the thanks of the Governor General—medal and 3 clasps and bronze star; served as Survey Officer with the Suakim Expeditionary Force from 4th March 1885 to 1st June 1885—medal and clasp.

CAPTAIN ROBERT ALEXANDER WAHAB, *Royal Engineers, Deputy Superintendent, 4th Grade.*—Obtained his commission as Lieutenant in the Royal Engineers, 29th April 1873; joined at Chatham, 1st January 1874; arrived in India, 8th March 1876; attached to Madras Sappers and Miners from March 1876 till December 1880; appointed Assistant Engineer, 1st grade, Public Works Department, Military Works Branch, January 1881; temporary Executive Engineer, 4th grade, March 1882; appointed Assistant Superintendent, 2nd grade, Survey of India, 8th January 1883; Officiating Assistant Superintendent, 1st grade, from 1st February 1883 up to 6th August 1884; promoted to Assistant Superintendent, 1st grade, from 7th August 1884; in charge, No. 3 Topographical Party, Baluchistan Survey, from 19th to 31st August 1884; posted to Zhob Valley Expedition Party, 1st September 1884; assumed charge of that party, 14th September 1884; and charge of No. 3 Topographical Party, Baluchistan Survey, 17th December 1884; Officiating Deputy Superintendent, 4th grade, from 26th August 1884 up to 16th July 1888. Confirmed, 17th July 1888. Promoted to Captain, 8th January 1885; transferred to Gorakhpur District (Cadastral Survey), 8th November 1885; assumed charge of Himalaya Party, 21st April 1886; assumed charge of Baluchistan No. 2 Party on the forenoon of 30th September 1886, and made over charge of the same on the afternoon of the 17th September 1888; Officiating Deputy Superintendent, 3rd grade, from 15th November 1888 to 22nd December 1888. Returned from Hazara Field Force and posted to Trigonometrical Branch Office, 23rd November 1888; proceeded on Military duty to Europe, 23rd February 1889. Furlough for 12 months from 1st December 1889.

War Services.—Served in the 1st Afghan Campaign from 9th January to 9th June 1879 as Assistant Field Engineer and Adjutant, Royal Engineers, Peshawur Valley Field Force; 2nd Afghan Campaign, October 1879 to August 1880, as Assistant Field Engineer—medal. Expedition against Mahsud-Waziris in April and May 1881 as Assistant Field Engineer, and in charge of R. E. Park. Served in Zhob Valley Expedition, 1884, as Survey Officer—mentioned in despatches. Served with Hazara Field Force, 1888, as Survey Officer—mentioned in despatches.

WILLIAM HENRY PATTERSON, *Officiating Deputy Superintendent, 3rd Grade.*—Appointed Junior Sub-Assistant Revenue Surveyor, 1st December 1851, and posted to the Rechnab Doab (Punjab) Revenue Survey; transferred to the Sindh Sagar Doab Revenue Survey, 1st October 1855;

promoted to 3rd grade, 1st October 1855; transferred to the Derajat (Trans-Indus) Survey, 1st July 1856; promoted to 2nd grade, 1st May 1857; promoted to 1st grade, 1st January 1859; honourable mention in the Punjab Administration Report for 1859-60; thanks of the Lieutenant-Governor of the Punjab and of the Government of India; transferred to the 1st Division (Oudh) Revenue Survey, 1st October 1859; promoted to Assistant Revenue Surveyor, 3rd grade, 1st January 1862; on deputation at Head-quarters Office (Drawing Branch), Calcutta, 1st September 1862; promoted to 1st grade, 1st January 1866; designation changed to Civil Assistant, 3rd grade, 1st April 1866; transferred to 2nd Division (Oudh) Revenue Survey, 18th April 1866; during 1867-68 detached to make a survey of the cantonments, civil station, and city of Cawnpore, on the scale of 12 inches to the mile, and revision of the plan of the Lucknow Cantonments with additions of environs 2 miles all round, on the scale of 8 inches to the mile; promoted to Civil Assistant, 2nd grade, 1st January 1868, and to Surveyor, 1st grade, 1st January 1871; transferred to the 1st Division, Lower Provinces Survey (Assam), 1st April 1871; appointed to the temporary charge of the 1st Division, Lower Provinces Survey, from 24th April to 12th June 1872; on duty at the Presidency Office, 29th January 1873; rejoined 1st Division, Lower Provinces Survey in Assam, February 1873; appointed to the temporary charge of the 1st Division, Lower Provinces Survey, from 25th November 1873 to 7th January 1874, and to the charge of the Survey of Lakhiraj holdings in Districts Darrang and Kamrup, with deputation allowance of ₹50 per mensem, from 1st December 1874 to 18th June 1879; services recognised by the Chief Commissioner, Assam, in Land Revenue Administration Report of District Darrang, season 1875-76; services placed at the disposal of the Chief Commissioner, Assam, for employment under the Settlement Officer, Cachar, 3rd January 1880; appointed Chief Draftsman, Surveyor-General's Office, Calcutta, 8th August 1882; promoted to Assistant Superintendent, 2nd grade, 22nd January 1883; transferred to No. 5 Topographical Party (District Mirzapur), 1st February 1883; Officiating Assistant Superintendent, 1st grade, from 1st February 1883 to 30th September 1884; promoted to Assistant Superintendent, 1st grade, 1st October 1884; assumed temporary charge of No. 2 Party, Bhopal and Malwa Topographical Survey, from 5th August to 27th October 1884; re-transferred to No. 5 Topographical Party, Mirzapur District; assumed charge of No. 2 Party, Bhopal and Malwa Topographical Survey, from 24th November 1884 to 26th October 1885, and of Mirzapur Topographical Survey Party, from 11th November 1885 to 31st August 1888 (Nomenclature of Party changed to Hoshungabad, 1st October 1887); appointed to the charge of No. 11 Party, Central Provinces Traverse Survey, 1st September 1888. Officiating Deputy Superintendent, 4th grade, from 16th September 1884 up to 14th February 1889; confirmed, 15th February 1889. Officiating Deputy Superintendent, 3rd grade, 26th October 1889; transferred to the charge of No. 8 Party (Orissa) from 29th October 1889.

Leave on private affairs from 1st May to 31st August 1862; leave on private affairs to Europe from 20th July 1872 to 18th January 1873; leave on private affairs to Europe from 11th July 1879 to 2nd January 1880.

Special Powers.—Vested with powers of a Deputy Collector under Regulation IX of 1833 in Districts Kamrup, Nowgong, and Darrang, 11th January 1872; vested with powers of Deputy Collector under Act V of 1875, B. C. (Surveys), in District Cachar, 19th February 1880.

Military Services.—As volunteer during the Mutiny of 1857-58; served against the Murree rebels—medal.

FREDERICK WILLIAM KELLY, *Officiating Deputy Superintendent, 3rd Grade.*—Appointed Junior Sub-Assistant, 4th December 1854; promoted to Sub-Assistant, 1st January 1856, in the Punjab and Sind Surveys; special leave for four months from 21st January 1858, which was overstayed from 21st May to 16th August 1858; employed as Sub-Assistant, 2nd class, in the Bhurtpur and Bundelcund Surveys, 17th August 1858; promoted to Sub-Assistant, 1st class, 1st January 1861; transferred to 2nd Division, Oudh Survey, 3rd February 1861; promoted to Assistant Revenue Surveyor, 3rd class, 1st January 1864; promoted to Civil Assistant, 4th grade, 1st April 1866; transferred to Head-quarters Office, Calcutta, 18th September 1866; promoted to Civil Assistant, 3rd grade, 1st July 1867; promoted to Surveyor, 2nd grade, 1st July 1869; in temporary charge of Midnapur Survey from 2nd March to 19th June 1876; promoted to Surveyor, 1st grade, with personal allowance of ₹50, 8th July 1879. Passed Examination for Senior Division in Calcutta; promoted to 2nd grade Assistant Superintendent, 22nd February 1883; promoted to officiate as Assistant Superintendent, 1st grade, from the same date; transferred to Prome and Akyab Districts Cadastral Survey, British Burma; promoted to Assistant Superintendent, 1st grade, 10th November 1884; Officiating Deputy Superintendent, 4th grade, from 3rd December 1884 to 12th October 1885; officiated in charge, Burma Topographical Party, for 3 months, from 8th July 1885; re-transferred to Akyab District (Cadastral) Survey from 6th October 1885; Officiating Deputy Superintendent, 4th grade, from

26th October to 15th November 1885, and from 21st January 1886 to 31st October 1886; leave on medical certificate to Australia from 13th November 1886 to 9th May 1887; Officiating Deputy Superintendent, 4th grade, from 14th May 1887 up to 25th March 1889; held charge of No. 8 Party (Bengal and Orissa) from 15th May to 29th August 1887; appointed to the charge of No. 7 Party (Bassein), 6th September 1887; confirmed as Deputy Superintendent, 4th grade, 26th March 1889. Officiating Deputy Superintendent, 3rd grade, from 29th October 1889.

Literary Work.—Practical Surveying for India.

CAPTAIN HUGH MILBOURNE JACKSON, *Royal Engineers, Officiating Deputy Superintendent, 3rd Grade.*—Received commission in Royal Engineers, 19th June 1877; under instruction at the S. M. E., Chatham, from 19th February 1878 to December 1879; served in the 7th Field Company, Royal Engineers (Chatham), from 20th March 1880 to 1st December 1880; transferred to the Indian Establishment, 1st February 1881; served with the Bengal Sappers and Miners at Roorkee, Calcutta, in the Naga Hills and at Rawal Pindi, from May 1st, 1881, to June 7th, 1883; appointed to Survey of India Department as Assistant Superintendent, 2nd grade, with effect from the 11th June 1883, and to officiate as Assistant Superintendent, 1st grade, from the same date; attached to the Kohat Survey Party; transferred to the Mysore Topographical Survey, 11th October 1883; officiated in charge of that party from 13th February to 19th March 1884; confirmed as Assistant Superintendent, 1st grade, 28th November 1884; on duty, Surveyor-General's Office, Simla, from 6th May 1885; transferred to Basti District (Cadastral) Survey, from 1st September 1885; Officiating Deputy Superintendent, 4th grade, from 5th to 6th November 1885, 3rd February to 8th March 1886, and from 10th March 1886 up to 25th April 1889; confirmed 26th April 1889; transferred to Mysore Topographical Survey, 8th March 1886; in charge of that party from 23rd March 1886, until the completion of the work; transferred to Upper Burma Detachment from 5th November 1886; promoted to Captain, 1st April 1888. In charge No. 20 Party (Burma), from 19th May 1888. Transferred to No. 21 Party (Upper Burma), from 1st November 1888. In charge Shan Siam Boundary Commission Survey Detachment, 1st November 1889. Officiating Deputy Superintendent, 3rd grade, from 1st December 1889.

CAPTAIN GODFREY BECKETT HODGSON, *Bengal Staff Corps, Deputy Superintendent, 4th Grade.*—First commission as 2nd Lieutenant, 2nd Battalion, Her Majesty's 22nd Cheshire Regiment, 1st May 1878; attached to the Regimental depôt at Buttevant, County Cork, Ireland, till 26th September 1878; arrived in India, 21st October 1878, and joined Regiment at Allahabad; promoted to Lieutenant, 13th November 1878; appointed, on probation, to the Bengal Staff Corps, by Military Department No. $\frac{606\ S.}{A.}$, dated 14th July 1880, and attached as Officiating Wing Officer to 4th Goorkha Regiment then on field service in Afghanistan; appointed permanently to the Bengal Staff Corps, 15th September 1881, with rank from 13th November 1878; Officiating Quarter-Master, 4th Goorkhas, from 23rd December 1880 to 27th February 1883, when he exchanged, at his own request, to 3rd Goorkhas at Almora; served with that regiment, till appointed to the Survey of India Department, as Assistant Superintendent, 2nd grade, on probation, 12th September 1883, and attached to Gujarat Party; confirmed as Assistant Superintendent, 2nd grade, and promoted Officiating 1st grade, 23rd July 1884; appointed to do duty at the Head-quarters, Calcutta, from 8th September 1885; confirmed as Assistant Superintendent, 1st grade, 26th October 1885; Officiating Deputy Superintendent, 4th grade, 21st March 1886 to 23rd November 1887 and from 25th to 29th November 1887; reverted to Assistant Superintendent, 1st grade, 30th November 1887; Officiating Deputy Superintendent, 4th grade, from 6th January 1888; reverted to Assistant Superintendent, 1st grade, 25th January 1888; Officiating Deputy Superintendent, 4th grade, from 10th February 1888 (afternoon) up to 4th May 1889; confirmed 5th May 1889; promoted to Captain, 1st May 1889; furlough to Europe for 2 years, from 4th March 1889.

War Services.—Afghanistan, from 3rd August to 9th October 1880, as Officiating Wing Officer, 4th Goorkhas—medal.

CAPTAIN SIDNEY GERALD BURBARD, *Royal Engineers, Deputy Superintendent, 4th Grade.*—Obtained his commission as Lieutenant in the Royal Engineers, 6th April 1879; joined at Chatham, 2nd June 1879; Assistant Secretary to Ordnance Committee for Gunnery Experiments, April 3rd, 1881, to December 8th, 1882; landed in India, 10th January 1883; attached to Bengal Sappers and Miners up to 24th March 1883, when appointed to P. W. D., Baluchistan; Personal Assistant to Superintending Engineer and Secretary to Governor General's Agent for Baluchistan, from 2nd April 1883 to 1st September 1884; appointed Assistant Superintendent, 2nd grade, Survey of India, 2nd September 1884; Officiating Assistant Superintendent, 1st grade, from the same date, and posted to Trigonometrical Branch Office;

transferred to Astronomical No. 1 Party (Electro Longitude Operations), 9th October 1885; assumed charge of the Party, 24th January 1886; promoted to Assistant Superintendent, 1st grade, 10th March 1886; Officiating Deputy Superintendent, 4th grade, from 21st March 1886 to 13th May 1887, from 15th May to 23rd October, and again from the 4th to 11th November 1887; assumed charge of Astronomical No. 2 Party (Latitude Operations) in addition to that of No. 1 Party, 15th October 1886; made over charge of No. 23 Party (Astronomical II Party) on the 1st October, and that of No. 22 Party Astronomical I on 1st November 1887; doing duty in the Trigonometrical Branch Office from 1st November 1887; Officiating Deputy Superintendent, 4th grade, from 15th February 1888 up to 27th June 1889; Confirmed 28th June 1889; in charge computing party from 10th April 1888; assumed charge of No. 23 Party (Astronomical II), 14th July 1888, and that of No. 22 Party (Astronomical I), 17th idem, and made over charge of both parties on the 1st November 1888; again assumed charge of Nos. 22 and 23 Parties (Astronomical I and II), 3rd May 1889, and of No. 24 Party (Upper Burma), 11th June 1889; promoted to Captain, 1st April 1889, and to Deputy Superintendent, 4th grade, 28th June 1889; made over charge of No 24 Party (Upper Burma), 19th August 1889, and of No. 23 Party (Astronomical II) on 1st October 1889.

ANGELO D'SOUZA, *Deputy Superintendent, 4th Grade.*—Joined the Topographical Survey as 3rd class Sub-Assistant on the 19th February 1856, and was appointed to the Ganjam Topographical Survey; took part in the Survey of Sambalpur and Boad Districts, and assisted in the triangulation of the coast from Pooree to False Point in 1857-58; promoted to 2nd class Sub-Assistant on the 19th February 1859; transferred to the Assam Series, Trigonometrical Survey, 1st September 1859; carried on a minor Series, with a view of fixing the position of Gauhati, and completed a Topographical Survey of the Cossya plateau of about 1,000 square miles in area, on the scale of 4 miles to 1 inch; transferred to the Astronomical Party, Andaman Islands, on 23rd October 1861; promoted to 1st class Sub-Assistant on 8th January 1862; promoted to Senior Sub-Assistant on 18th September 1863; transferred to the Kattywar Party in October 1863; was employed in training the new hands for the Topographical Survey of that country; on account of the severe famine in Kattywar, the survey was placed in abeyance in 1864-65, and was then employed on the approximate work of the triangulation of Nasik District, Bombay Presidency; and in the following season (1865-66) was employed on the approximate work of the triangulation of the Island of Bombay, and also in executing a number of traverses as basis for the Cadastral Survey of Bombay; promoted to Civil 2nd Assistant, junior grade, on 1st January 1865; promoted to Civil Assistant, 4th grade, on the re-organization of the Department on 1st April 1866; was employed in Kathiawar in 1866-67 on the resumption of that survey and continued in the party till 1869; promoted to Surveyor, 3rd grade, in September 1869; furlough from October 1869 to September 1870; transferred to the Gujarat Party on the 27th September 1870; promoted to Surveyor, 2nd grade, on 1st December 1872; promoted to Surveyor, 1st grade, on 1st September 1875; transferred to the Coast Triangulation Party on 1st October 1883, and assumed charge of the party on the 16th October 1883; promoted to Assistant Superintendent, 2nd grade, on the 1st October 1884; appointed to officiate in the 1st grade with effect from the same date; transferred to Raipur District Survey, Central Provinces, from 1st October 1885; transferred to the charge of Sambalpur Detachment, which was raised to a full party from 1st October 1887 and designated No. 13 Party (Betul), Central Provinces, from 11th April 1886; Officiating Deputy Superintendent, 4th grade, from 4th May 1886 to 16th December 1886; confirmed as Assistant Superintendent, 1st grade, 1st January 1887; Officiating Deputy Superintendent, 4th grade, from 1st to 4th January 1887, from 7th June to 25th September 1887, from 11th to 13th April 1888, and from 16th May 1888 to 11th August 1889; confirmed, 12th August 1889.

EDWARD C. RYALL, *Assistant Superintendent, 1st Grade.*—Appointed Apprentice Draftsman, Surveyor-General's Office, Calcutta, 11th August 1854, and to the Great Trigonometrical Survey Department as 3rd class Sub-Assistant, Great Trigonometrical Survey, on 26th April 1855, and posted to Head-quarters Office, Dehra Dun; subsequently, on October 1st of the same year, was attached to the Rahoon Meridional Series; on 1st October 1856, 2nd class Sub-Assistant, transferred to the Jhelum and Rawal Pindi Topographical Survey Party; served with that party up to May 1859; during the recess seasons of 1858 and 1859 of the Jhelum and Rawal Pindi Party was deputed to do field duty with the Kashmir Survey; January 1st, 1860, promoted to 1st class Sub-Assistant; transferred to the Kashmir Survey in June 1859; served with that survey up to 1st October 1864, and was then transferred to the East Calcutta Longitudinal Series; on November 1st, 1865, was posted to the Eastern Frontier Series Party; sick leave from 25th January to 7th September 1866; on return to duty was appointed to the Kumaon and Garhwal Topographical Party, 1st May 1867; assisted that party

in the large-scale surveys of Mussoorie, Ranikhet, and Kosi Valley, and subsequently in the survey of the Dehra Dun District; appointed to charge of the Kumaon and Garhwal Party in March 1875; brought the field operations of that party to a close in September 1877, and was relieved of the charge of the party on 1st October 1878; posted to Surveyor-General's Field Head-quarters Office, Dehra Dun, 1st October 1878, and on the 1st January 1879 transferred to the 3rd Division, North-Western Provinces Survey, Revenue Branch; transferred to Darjeeling Party, 1st September 1881; sick leave from 10th December 1883 to 4th January 1884; Officiating Deputy Superintendent, 4th grade, from 6th July 1885 to 14th November 1888; in charge Coast Triangulation Survey, 6th October 1885. Party transferred to Upper Burma to extend the principal triangulation of India into that Province, 1st October 1888; Officiating Deputy Superintendent, 3rd grade, from 16th November 1888 to 6th December 1888. Reverted to Officiating Deputy Superintendent, 4th grade, 7th December 1888; reverted to substantive appointment of Assistant Superintendent, 1st grade, 20th April 1889. Relieved of charge of No. 24 Party, 18th May 1889. Posted to Computing Party, 19th August 1889.

Abstract showing the steps obtained by Mr. E. C. Ryall while in the Survey Department.—Appointed 3rd class Sub-Assistant, 26th April 1855; 2nd class Sub-Assistant, 1st October 1856; 1st class Sub-Assistant, 1st January 1860; Junior Civil 2nd Assistant, 1st July 1862; Senior Civil 2nd Assistant, 1st January 1863; Surveyor, 2nd grade, 1st April 1869; Surveyor, 1st grade, 1st April 1871; Assistant Superintendent, 2nd grade (subsequently on 1st April 1874 designated 3rd grade), 1st April 1873; Officiating Assistant Superintendent, 2nd grade, 7th September 1879; reverted to 3rd grade on 9th October 1879; Officiating Assistant Superintendent, 2nd grade, from 1st November 1879; Assistant Superintendent (new), 2nd grade, 1st July 1882; Officiating Assistant Superintendent, 1st grade, from 1st July 1882 up to 31st January 1883; promoted to Assistant Superintendent, 1st grade, 1st February 1883.

Military Service.—As volunteer during the mutiny; served against the Murree rebels—medal.

Literary Work.—Report on Hundes or Nari Khorsam.

G. B. Scott, *Officiating Deputy Superintendent, 4th Grade.*—Joined North-West Frontier Revenue Survey as a junior Sub-Assistant Surveyor on 1st May 1863; season 1863-64, triangulated portions of "Salt Range," District Shahpur; season 1864-65, Revenue Survey District, Eusafzai (Peshawar); seasons 1865-66-67, triangulating District Hazara; promoted to Sub-Assistant Surveyor, 4th grade, 1st January 1866, and to 3rd grade, on 15th December 1866; May to August 1868, plane-tabling sections of Kaghan Valley; promoted to Sub-Assistant, 2nd grade, on 15th December 1869; season 1869-70, attached to Revenue Survey, District Peshawur; season 1870-71, attached to Revenue Survey, District Dera Ghazi Khan; October 1871, transferred to Assam Revenue Survey; passed examination for Senior Division in Calcutta; season 1871-72, triangulated and plane-tabled portion of Mekir Hills, District Nowgong, Assam; promoted to Assistant Revenue Surveyor, 1st grade, 15th December 1871; season 1872-73, attached to District Darrang Revenue Survey; seasons 1873-74-75, Revenue and Topographical Survey of District Goalpara, Assam; promoted to Surveyor, 4th grade, 15th December 1874; during 1875 employed on 16" Survey of Cinchona Gardens at Darjeeling; season 1875-76, attached to Dhanwar Estate Cadastral Survey, District Hazaribagh; October 1876, transferred to Punjab Revenue Survey, Rawalpindi, and during season 1876-77 triangulated portion of Murree and Kahuta Tahsils; passed H. S. Examination in Hindustani in 1877; season 1877-78, plane-tabled portions of Murree and Kahuta Tahsils, and accompanied Jowaki Expedition; in 1878-79 with Khyber column Afghanistan Field Force; promoted to Surveyor, 3rd grade, 18th July 1879; during 1879-80, attached to Intelligence Branch, Quarter-Master General's Department, Afghanistan; rejoined Punjab Revenue Survey in June 1880; during 1880-81, employed on a 12" Survey of the hutted camp in "The Gullies;" surveyed a portion of country on the Chenab River disputed between Sealkot District and the Kashmir State; triangulated portion of Kala Chitta Range, District Rawalpindi; during seasons 1882-83-84, attached to Forest Settlement Department, Punjab, to lay down boundaries of reserves in Rawalpindi District; promoted to Surveyor, 1st grade, 5th September 1883; transferred to Baluchistan Topographical Party, 1st August 1884; during October and November 1884 accompanied Zhob Valley Expedition; promoted to Assistant Superintendent, 2nd grade, officiating 1st grade, 10th November 1884 up to 18th February 1887; in January 1885 deputed to Intelligence Branch of Quarter-Master General's Department, Simla, to compile Military and Railway Map of India; transferred to Bilaspur District (Central Provinces) Cadastral Survey, 1st October 1885; officiated as Deputy Superintendent, 4th grade, 26th October, and from 18th November to 8th December 1886; held charge of No. 2 Bilaspur District Cadastral Survey from 26th November 1886 to 23rd November 1887; confirmed as Assistant Superintendent, 1st grade, 19th February 1887; Officiating Deputy Superintendent, 4th grade, from 8th June to 29th August

1887; appointed to the charge of Srinagar Wards Estate Survey, afterwards called No. 4A Party (Srinagar), from 28th November 1887; Officiating Deputy Superintendent, 4th grade, from 21st June 1888. Transferred to the charge of No. 3 Party (Kyaukse) from 24th October 1889.

War and Trans-Frontier Services.—In 1867, reconnoitred independent hill tracts of Allahi Nandihar, Tikari, and eastern slopes of Black Mountain; repulsed night attack on camp, 23rd April.

In 1868, 11th August, repulsed attack by Allahiwal; presented with sword "for gallantry" by Punjab Government; accompanied Black Mountain Expedition—medal and clasp.

In 1869, reconnoitred independent tracts of Chilas and Kohistan between Indus and Kaghan.

In 1870, reconnoitred hill country round Peshawur District; fired on by Hassan Khel.

In 1871, reconnoitred small portion Bhutan hills touching on District Darrang, Assam.

In 1877, accompanied Jowaki Afridi Expedition; services cordially acknowledged by Viceroy, Commander-in-Chief, and Punjab Government.

In 1878-79, with Khyber Column in Afghanistan; present at attack on Ali Musjid, actions of Deh Sarak and Fattehabad; accompanied 1st and 2nd Bazar Valley Expeditions; mentioned in despatches; attacked by Mohmands near Michni while reconnoitring alternative routes to the Khyber; "conspicuous gallantry" displayed on the occasion cordially acknowledged by the Viceroy in Council; ascended summit of Sikaram, Safid-koh, 29th May 1879, and received congratulatory telegram from Commander-in-Chief, as having been the first European who had done so; services during campaign acknowledged by Secretary of State for India, by the Governor General, by the Commander-in-Chief, and by the Punjab Government—medal and clasp; personal allowance of ₹100 per month and special grant of ₹1,000; recommended by Viceroy and Commander-in-Chief for direct Captaincy in Staff Corps, which was disallowed by War Office.

During 1879-80, attached to Quarter-Master General's Department during 2nd Afghan Campaign; completed reconnaissance of Afridi and Mohmand countries; accompanied General Tytler's Expedition against the Zaimukhts; services acknowledged by Commander-in-Chief; mentioned in despatches; during October and November 1884 accompanied Zhob Valley Expedition; services acknowledged by Governor General in Council.

Literary Works.—Reports on Tirah, Mohmand country, and various other parts of Afghanistan. } Intelligence Branch, Q. M. G.'s Department.
"Pathans of the North-Western Frontier." } Blackwood, 1879.
"A Surveyor's Narrative on Afghanistan." } Blackwood, 1879.
"Pushto Vocabulary" for Explorers.
"Trans-Frontier Exploration," U. S. I. of India.

JOHN ECCLES, M.A., *Officiating Deputy Superintendent, 4th Grade.*—Appointed by Her Majesty's Secretary of State for India as an Assistant Superintendent, 2nd grade, Survey of India; landed at Calcutta, afternoon, 29th May 1885, and joined the Head-quarters Office on the 30th idem; transferred to the Computing Party, Dehra Dun, 26th July 1885; officiated in charge from 23rd September to 22nd December 1885; Officiating Assistant Superintendent, 1st grade, from 30th May to 19th November 1886, and Officiating Deputy Superintendent, 4th grade, from 20th to 22nd November 1886. Officiating Assistant Superintendent, 1st grade, from 23rd November 1886 up to the present time; transferred to No. 25 Party Tidal and Levelling, 1st November 1887; confirmed as Assistant Superintendent, 1st grade, 11th April 1888; Officiating Deputy Superintendent, 4th grade, 17th July 1888 to 6th January 1889, and again from 20th February 1889. Transferred to the charge of Nos. 22 and 23 Parties (Astronomical I and II), 1st November 1888; made over charge of both parties. 3rd May 1889, but continued attached to them, and posted to charge of No. 24 Party (Upper Burma) 19th August 1889.

LIEUTENANT JOHN MURCHISON FLEMING, *Bengal Staff Corps, Assistant Superintendent, 1st Grade.*—Obtained first commission on the 13th August 1879, as 2nd Lieutenant, 25th "King's Own Borderers;" Lieutenant in the same regiment, 21st June 1880; appointed on probation to the Bengal Staff Corps, and attached as Wing Officer to the 22nd Punjab Infantry, 22nd July 1882; appointed Officiating Wing Officer to the 4th Bengal Infantry, 4th October 1882; Officiating Quarter-Master, 4th Bengal Infantry, from 4th September 1883; appointed permanently to Bengal Staff Corps by G. G. O. No. 57 of 8th February 1884; Adjutant in same regiment from 15th April to 28th June 1885; appointed to Survey of India

Department as Assistant Superintendent, 2nd grade, sub. *pro tem.*, 3rd July 1885, and on probation, 22nd October 1885; confirmed, 14th May 1887. Transferred to No. 18 Party (Himalaya), 21st September 1886; Officiating Assistant Superintendent, 1st grade, from 14th May 1887; confirmed, 17th July 1888; Officiating Deputy Superintendent, 4th grade, from 1st September 1888 to 22nd October 1888, and from 1st November 1888 to 22nd December 1888. Transferred to No. 3 Party (Nagpur) from 13th November 1888; Officiating Deputy Superintendent, 4th grade, from 20th February 1889. Transferred to No. 21 Party (Upper Burma) 1st October 1889. In charge No. 11 Party (Upper Burma II) from 4th November 1889 to 24th December 1889. On furlough for 18 months, from 9th January 1890.

War Services.—Served with 25th King's Own Borderers in the Khyber Line Field Force from 18th December 1879 to August 31st, 1880; expeditions against Mohmands and into Lughman Valley—medal.

T. Archdale Pope, *Officiating Deputy Superintendent, 4th Grade.*—Second class Inspector of Police, Cuddapah, 17th July 1880 to 1st February 1881; passed the third class test in Telugu, 10th January 1881; probationary 2nd Assistant Superintendent, Madras Survey, doing duty in the Central Office, 2nd February 1881; transferred to No. II Party, Bellary, 9th February 1881; confirmed as 2nd Assistant Superintendent, 1st September 1881; on duty in the Central Office, Madras, 19th December 1881 to 1st March 1882; transferred to No. III Party, Madura, 2nd March 1882; passed the third class test in Tamil, 17th July 1882; transferred to No. I Party for the demarcation and survey of the Madura, Travancore boundary, 1st December 1882; privilege leave from 7th May to 6th July 1883; transferred to No. III Party, Tanjore, 7th July 1883; Acting Assistant Superintendent, 1st class, from 18th March to 18th June 1884; Assistant Superintendent, 1st class, from 3rd September 1884; in charge of Central Office, 1st October to 26th November 1885; Acting Deputy Superintendent, 2nd class, from 1st October to 26th November 1885; transferred to No. III Party, Trichinopoly, 3rd December 1885; privilege leave for 3 months from 1st July 1886; services placed at the disposal of the Government of India from 1st October 1886; Assistant Superintendent, 2nd grade, Survey of India; attached to the Photographic and Lithographic Offices, Calcutta, 14th October 1886; Officiating Assistant Superintendent, 1st grade, 14th October 1886 to 13th November 1888; Officiating Deputy Superintendent, 4th grade, from 14th November 1888; reverted to Officiating Assistant Superintendent, 1st grade, 7th December 1888; confirmed, 15th February 1889; Officiating Deputy Superintendent, 4th grade, from 27th March 1889. Appointed to officiate as Personal Assistant to the Surveyor General from 9th December 1889.

Lieutenant T. F. B. Renny-Tailyour, *Royal Engineers, Officiating Deputy Superintendent, 4th Grade.*—Received commission in Royal Engineers, 14th February 1883. Under instructions at the S. M. E., Chatham, from 28th March 1883 to 3rd January 1885. Transferred to the India Establishment, 2nd March 1885. Served with the Bengal Sappers and Miners at Roorkee from 4th April to 22nd September 1885; joined Military Works Department as Assistant Engineer, 2nd grade, sub. *pro tem.*; promoted to Assistant Engineer, 2nd grade, permanent, on 4th March 1886; passed prescribed examination for promotion to 1st grade on 1st January 1887; and passed colloquial examination in Hindustani, on 3rd January 1887; promoted Assistant Engineer, 1st, sub. *pro tem.*, on 7th January 1887; promoted Assistant Engineer, 1st grade, permanent, on 1st November 1887; joined the Survey Department as Assistant Superintendent, 2nd grade, on the afternoon of 31st March 1888, and was attached to No. 21 Party (Upper Burma); Officiating Assistant Superintendent, 1st grade, from 1st January 1889; confirmed, 26th March 1889; Officiating Deputy Superintendent, 4th grade, from 20th April 1889. In charge Chin Lushai Expedition Survey Detachment, Burma Column.

War Services.—Attached to (Queen's Own) Sappers and Miners, from 30th October 1885, for active service in Upper Burma, and was appointed an Assistant Field Engineer, Upper Burma Field Force, from 16th November 1885 to 31st March 1888. Accompanied the force under General Sir H. Prendergast, K.C.B., and was present at the taking of Mandalay; mentioned in despatches of Major-General Sir G. White, K.C.B., V.C.; was thanked by the Commander-in-Chief for Intelligence work in the field—medal with clasp.

Lieutenant R. J. H. L. Mackenzie, *Royal Engineers, Officiating Deputy Superintendent, 4th Grade.*—Received his commission as Lieutenant, Royal Engineers, 25th July 1882. Arrived in India on the afternoon of the 2nd February 1887. On arrival in India was posted as attached Officer, Baluchistan Command, Military Works, and permanently posted to the Quetta Division. Posted to the Military Works Department as Assistant Engineer, 2nd grade, on the 7th March 1887. Elected to be paid according to the consolidated rate of pay in the Military Works Department. Passed the examination for promotion to Assistant Engineer, 1st grade, prescribed in paras. 9 to 13, Chapter II, Public Works Department Code, on 21st August 1887. Promoted from Assistant Engineer, 2nd grade, temporary, to Assistant Engineer, 2nd grade, per-

manent, from 1st November 1887. Reported his departure from the Quetta Division, Military Works, on the forenoon, 26th March 1888. Joined the Survey Department as Assistant Superintendent, 2nd grade. on the forenoon of 26th March 1888, and was attached to No. 16 Party (Baluchistan II). Transferred to No. 15 Party (Baluchistan) from 1st October 1888. Officiating Assistant Superintendent, 1st grade, from 1st January 1889; confirmed, 27th March 1889; Officiating Deputy Superintendent, 4th grade, from 7th May 1889.

F. Grant, *Officiating Deputy Superintendent, 4th Grade.*—Appointed Junior Sub-Assistant Surveyor, 11th July 1856, and posted to the 1st Division, Central Provinces Revenue Survey at Jubbulpore; transferred with the Party during the Mutiny to the Survey of Nagpur and Wardha Districts, 1st November 1857; promoted to Sub-Assistant Revenue Surveyor, 3rd class, 1st June 1858; re-transferred to Jubbulpore, 1st November 1860, and entrusted with charge of a minor camp, 1st January 1861; promoted to Sub-Assistant Revenue Surveyor, 2nd class, 1st April 1860, and received charge of a full camp, 1st November 1861; promoted to Sub-Assistant Revenue Surveyor, 1st class, 1st April 1862, and employed up to season 1873-74 in the Survey of Districts Narsingpur, Seoni, Hoshungabad, Chindwara and Betul in the Central Provinces, including one season's detached work in the Charwa Waste-land in District Hoshungabad; promoted to Assistant Revenue Surveyor, 3rd class, 1st January 1864; promoted to Civil Assistant Surveyor, 4th grade, 1st April 1866; promoted to Surveyor, 3rd grade, 1st April 1869; promoted to Surveyor, 2nd grade, 1st April 1872; transferred with Party, now converted to the 8th Division, Western Soane Irrigation Survey, to District Arrah, 1st November 1874, and employed there till completion of the work in 1877-78, and had temporary charge of the Party for 3 months from 28th August to 26th November 1876; transferred to No. 6 Topographical Survey Party in South Sylhet to carry out some Revenue Topographical work, 1st November 1878; re-transferred to the 2nd Division, Rohtak and Sirsa Survey, from 6th June 1879; transferred on 1st November 1879 to the Hanthawaddy District Cadastral Survey, British Burma, No. 2 Party, and was employed there and in the Revenue Topographical Survey of portion of District Shwegyn till season 1884-85; promoted to Surveyor, 1st grade, 22nd February 1883; transferred with Party back to India to the Bilaspur District Cadastral Survey, 1st November 1885; appointed to temporary charge of No 9 Jubbulpore Traverse Party, for 3 months, from 3rd August 1888 to 2nd November 1888; rejoined No. 2 Bilaspur Cadastral Party, 17th November 1888; appointed Assistant Superintendent, 2nd grade, 16th May 1889; Officiating Assistant Superintendent, 1st grade, from the same date; confirmed, 28th June 1889; Officiating Deputy Superintendent, 4th grade, from 26th October 1889.

Lieutenant W. J. Bythell, *Royal Engineers, Assistant Superintendent, 2nd Grade.*—Received commission in Royal Engineers, 25th July 1882. Served in South Africa, November 1884 to October 1886; posted to Indian Establishment, and joined Bombay Sappers and Miners at Kirkee in October 1886; transferred to State Railways as Assistant Engineer, 2nd grade, July 1887; joined Sind-Pishin State Railway, 20th July 1887; served on Chaman extension at Killa Abdulla and Khojak Pass until 22nd May 1889; joined Survey Department, 29th May 1889, and posted to No. 1 Party (Punjab) on the same day; transferred to No. 18 Party, 1st July 1889. Transferred to Surveyor General's Office, 12th October 1889; in charge Chin-Lushai Expedition Survey Detachment, Chittagong Column, from 20th November 1889.

War Services.—With Expedition to Bechuanaland under Sir Charles Warren, 1884-85, as Survey Officer, and served in Topographical and Intelligence Departments and on Transvaal Boundary Survey; honorably mentioned.

Lieutenant G. P. Lenox-Conyngham, *Royal Engineers, Assistant Superintendent, 2nd Grade.*—Received commission in the Royal Engineers, 16th September 1885; landed in India, 21st January 1888; posted to Military Works Department, Rawalpindi Division, as Assistant Engineer, 2nd grade, temporary, 14th February 1888, in charge of the Murree Sub-Division, April to December 1888; transferred to Sirhind and Lahore Command, Amballa Division, 15th May 1889; with Chor Survey Party till 25th June 1889; appointed Assistant Superintendent, 2nd grade, Survey of India, 16th July 1889, and posted to No. 22 Party (Astronomical I) and to charge of No. 23 Party (Astronomical II) 1st October 1889.

Lieutenant C. F. Close, *Royal Engineers, Assistant Superintendent, 2nd Grade.*—Received commission, 5th July 1884; served at Gibraltar, December 1885 to December 1886; arrived in India, 2nd January 1889; attached to Military Works Department, 17th January 1889; posted Assistant Engineer, 2nd grade, 13th February 1889 at Barrackpore; transferred to Hooghly Defences, March 1889; joined Survey Department, 3rd December 1889. On duty at Head Quarters, Calcutta, transferred to the charge of No. 11 Party (Upper Burma II) and assumed charge thereof on the forenoon of 6th January 1890.

C. Wood, *Assistant Superintendent, 2nd Grade.*—Joined the Great Trigonometrical Survey as 3rd class Sub-Assistant on 6th May 1858, and posted to Computing Office; promoted to 2nd class on 1st November 1860; on 1st October 1861, posted to No. 3 Extra Party and carried a main line of levels from Amballa to Dehra Dun and Aligarh; transferred to Kashmir Party, March 1862, and continued with it till April 1865; promoted meanwhile to 1st class Sub-Assistant on 1st May 1863; selected for the Computing Office on its re-organisation in May 1865, and attached to it from 1st May with pay of the next higher grade; promoted successively through the several intermediate grades, and on 1st April 1883, appointed Surveyor, 1st grade; while in Computing Office, took a principal share in the computations connected with Volume I and read nearly all the final proofs of that work; took a leading share in the calculations involved in the reduction of the North-West Quadrilateral and finally examined the proofs of the greater portion of Volumes III and IV, as well as of a part of the Synoptical Volumes of this Quadrilateral; helped in completing and in passing the proofs of the Professional and Synoptical Volumes of the South-East and North-East Quadrilaterals and also of the Auxiliary Tables, 3rd Edition; took chief share in the reduction of Captain H. Trotter's observations for incorporation in his Report on Eastern Turkestan (1873-74), &c. &c.; promoted to Assistant Superintendent, 2nd grade, 3rd December 1889, and posted to charge of No. 25 Party (Tidal and Levelling) from 16th December 1889.

Literary Works.—Took part in the completion of Volumes VII and VIII of the "Account of the operations of the Great Trigonometrical Survey of India" by contributing Introductory accounts of the work on several of the series; prepared similar accounts for Synoptical Volume XIIIA and for the Synoptical Volume of the Assam Longitudinal Series; compiled Report on Explorations in Nepal and Thibet by Explorer M. H. (1885-86).

Lieutenant R T. Crichton, *Bengal Staff Corps, Assistant Superintendent, 2nd Grade.*—Gazetted Lieutenant, 2nd Battalion, the Highland Light Infantry, 23rd August 1884; arrived in India, 29th October 1884; appointed Wing Officer on probation, 31st Punjab Infantry on 4th June 1888; finally admitted to the Staff Corps by *London Gazette* of 8th October 1889; appointed Assistant Superintendent, 2nd grade, on 16th December 1889, and joined No. 5 Party (Jhansi) on the same date.

Statements of Services of the Geological Survey Officers.

Corrected up to 1st January 1890.

MR. WILLIAM KING, B.A., D.SC. (*Royal, Ireland*), F.G.S.—Engaged in England by Dr. Oldham, and joined appointment as Assistant on the Geological Survey on 4th March 1857; in May 1858 attached to Madras Party in the Nilgiri Hills and South Arcot; 1859, Trichinopoly and Tanjore 1860, Salem and Coimbatore; 1861, Kadapah District; 1862, North Arcot, Kadapah and Nellore; arranged the rock collections in the Madras Central Museum; 1863, Madras, North Arcot, and Nellore; delivered three public lectures at Nellore on the Geology of the District; 1864, Kadapah, Bellary, and Karnul Districts; delivered a course of lectures on Geology at the Civil Engineering College, Madras; 1864-65, Kadapah, Karnul and Raichur Doab; 1865-66, Kadapah and Karnul Districts; placed in the 2nd grade on the introduction of grading in May 1866; 1866-67, Bellary District; 1867, 1868, and 1869, Kadapah and Kistna Districts; appointed Deputy Superintendent for Madras, 15th November 1868; furlough from 17th September 1869 to 16th December 1870; 1870-71, Raichur Doab and Bhima Valley; officiated in the 1st grade from 13th June to 3rd December 1871; 1871-72, Godavari District and Nizam's Territories; discovered Singareni coal-field; 1872-73, Godavari and Vizagapatam Districts; deputed to Vienna in joint charge of the survey collections at the Exhibition; officiated in the 1st grade from 19th September 1872 to 20th April 1875; 1873-74, Godavari and Kistna Districts; 1874-75, Wynaad gold-field and Godavari District; promoted to 1st grade on 21st April 1875; 1875, 1876, 1877, 1878, and 1879, Godavari and Sironcha Districts and Nizam's Dominions, also the Wynaad gold-fields; 1880-81, Malabar Coast; furlough from 10th May 1881 to 9th July 1883; 1883-84, Chhattisgarh; Fellow of the Madras University, and Member of the Faculty of Engineering, 1884; officiated as Superintendent from 7th May to 12th November 1884; 1884-85, Chhattisgarh; designation changed to Superintendent of the Geological Survey of India; 1885-86-87, Chhattisgarh; appointed Director on 27th April 1887; 1887-88, extension of service granted for one year to July 1889; Darjiling Coal Field, Karharbali Coal Field, Jabalpur District, Rawalpindi oil, Dandot colliery, Baluchistan coal and oil, Madras coal, diamond and gold fields, and Office; 1888-89, extension of service granted to July 1890; Mohpani Coal Field, Sub and Lower Himalaya, Salt Range and Office.

Has contributed to the Survey publications 5 Memoirs and 27 Records.

MR. ROBERT BRUCE FOOTE, F.G.S.—Engaged in England for the Geological Survey; joined as Assistant on the 28th September 1858, deputed to Madras; 1859, in Trichinopoly, South Arcot, and Tanjore; 1860 and 1861, in Salem, Trichinopoly, and South Arcot; delivered a course of public lectures on Geology at the Civil Engineering College, Madras; 1862, in Salem, Coimbatore, South Arcot, and Chingleput; delivered a course of public lectures on Geology in the Civil Engineering College, Madras; 1863, North Arcot, Salem, Chingleput; arranged the palæontological collections in the Madras Museum; 1864, in Chingleput and North Arcot; 1865, in Kadapah, Karnul, Nizam's Territory; 1866, in Karnul, Nellore; placed in the 2nd grade on the introduction of grading in May 1866; 1867, in Nellore, Karnul, Kistna; leave on medical certificate from 29th May 1867 to 22nd October 1868; 1868-69, in Kistna District and Nizam's Territories; 1869-70, in Bellary, Nizam's Territories, Kaladgi; 1870-71, in Bellary, Nizam's Territories, Kaladgi, Belgaum; 1871-72, in Nizam's Territories, Kaladgi, Belgaum, Ratnagiri, Kolhapur; 1872-73, in Bellary, Dharwar, Kaladgi, Sholapur; deputed to Vienna Exhibition in joint charge of the survey collections; officiated in the 1st grade from 16th July 1873 to 17th December 1874; 1873-74, in Kaladgi, Belgaum, Kolhapur, Dharwar; examined the Dambal gold region; 1874-75, in Nellore; 1875, 1876, and 1877, in Nellore and Kistna; promoted to the 1st grade on 1st April 1876; 1877, 1878, and 1879, Trichinopoly, Tanjore, Pudukotta, Madura; furlough from 13th May 1879 to 6th December 1880; 1880-81, Madura, Tinnevelly; officiated as Deputy Superintendent from 7th December 1880 to 13th June 1881; appointed Deputy Superintendent from 14th June 1881; 1881-82, Tinnevelly; held charge of the current duties of the Office of the Superintendent, Geological Survey, from 23rd July to 22nd October 1882; 1882-83, Madura and Karnul; 1883-84, Karnal, Hyderabad and Bellary; Fellow of the Madras University and Member of the Faculty of Engineering, 1884; 1884-85, Bellary; designation changed to Superintendent of the Geological Survey of India; 1885-86, Bellary; 1887, deputed to examine principal

auriferous tracts in behalf of the Mysore Durbar, Bellary; officiated as Director from 27th June to 26th September 1887; 1888-89, Bellary and Kurnul Districts, Raichur Doab; extension of service granted to September 1890.

Has contributed to the Survey publications 5 Memoirs, 19 Records, and 1 Palæontologia Indica; also translation from the German of two papers by Dr. Waagen on the geographical distribution of fossil organisms in India, and on the carboniferous glacial period.

MR. THEODORE WILLIAM HUGHES HUGHES, C.E., A.R.S.M., F.G.S.—Appointed in England by the Secretary of State on 16th October 1862; joined the Survey as Assistant on the 11th November 1862; 1862-63, in the Sone Valley; 1863-64, the Jherria coal-field; 1864-65, the Bokaro coal-field; 1865, 1866, 1867, and 1868, the Káranpura, Deogarh, Karharbári, Ithkuri and Daltonganj coal-fields; 1868, 1869, 1870, and 1871, the Wardha Valley coal-fields; passed in the vernacular on the 3rd August 1868; reported for Government, North-Western Provinces, on roofing slates for barracks, Ranikhet, 1869; accompanied Governor General (Lord Mayo) during tour of Wardha Valley coal-field and opening of Mayo colliery, March 1870; reported for Government, Central Provinces, on lead ore at Sleemanabad, June 1870; pointed out over 20 sites for bore holes in the districts of Chanda and Wún—coal proved in all; also assisted officers of His Highness the Nizam to select positions; leave on medical certificate from 1st July 1871 to 8th November 1872; 1872-73, Bandar and Wardha coal-fields; on special duty with Mr. Banerman, visiting the iron deposits of the Central Provinces; officiated as Deputy Superintendent from 9th November 1872 to 17th December 1874; during July to September 1873 made a trip in Tibet by Niti and Milam; in October 1873, reported on the Kumaon iron ores; in November 1873 reported for the Bengal Iron Company on the Raniganj Field; 1873-74, Wardha Valley coal-field; recommended and indicated sites for borings in the Bandar Field which proved coal; received thanks of Government, Central Provinces; reported for Messrs. Apcar and Company on boring sites in the Raniganj Field, also for Messrs. Burn and Company on the Birbhum iron ores; 1874-75, the Pranhita and Jangaon Valleys, and the Wún coal-fields; 1873-74-75, indicated more bore sites in Wún District; promoted to the 2nd grade from 21st April 1875; 1875-76, the Godavari Valley; visited the Mohpani coal-field, and the trial borings for coal at Khappa and Moran River; accompanied the Superintendent during his observations of underground temperature; 1876-77, completed survey of the Kota-Maleri area; recommended borings for coal at Sandrapali,—Godavari River; reported for Bengal Coal Company on supposed occurrence of coal south of Karharbari Field; leave on furlough from 1st November 1877 to 14th October 1879; officiated in the 1st grade from 15th October 1879 to 6th December 1880; officiated as Deputy Superintendent for Bombay from 3rd April to 6th December 1880; 1879-80, 1880-81, 1881-82-83, South Rewah coal-fields; again visited Mohpani coal-field, and inspected new sinking, August 1880; officiated in the 1st grade and as Deputy Superintendent from 17th March 1881 to 7th June 1882; urged borings for coal at Umaria-Khalesar, Rewah State, and in valley of the Johilla River; pointed out sites which proved coal over large area, January 1882; reported for Government, Central Provinces, on coal outcrops in Mahanadi, Jabalpur District, May 1882; leave on furlough from 8th June 1882 to 22nd February 1883; officiated in 1st grade from 23rd February to 10th April 1883; officiated as Deputy Superintendent from 23rd February to 10th May 1883; promoted to 1st grade on 11th April 1883; superintending Rewah coal explorations from 1st March 1883; 1883-84, Korea and Jhilmilli; officiated as Deputy Superintendent from 29th April to 12th November 1884; in May 1884, reported for Messrs. Schœne, Kilburn and Co. on coal near Jainti River; received thanks of the Central India Agency; services placed at the disposal of the P. W. Department, Government of India, as Superintendent of the Umaria coal estate, with a deputation allowance of Rs. 200 a month, from 18th December 1884 to 31st December 1885; designation changed to Deputy Superintendent of the Geological Survey of India; 1886, South Rewah; officiated as Superintendent, 1st grade, from 27th April to 19th May 1886; furlough from 20th May to 24th November 1886; deputed to Hyderabad with consent of Secretary of State for India, to examine the country in behalf of the Hyderabad Deccan Co. from 25th November 1886 to 30th September 1888; appointed Superintendent on 27th April 1887; 1888-89, deputed to Perak and Mergui on tin exploitation.

Has contributed to the Survey publications 9 Memoirs and 23 Records.

MR. CARL LUDOLF GRIESBACH, C.I.E., F.G.S.—Appointed by the Secretary of State in England on 26th September 1878; joined as 3rd grade Assistant on 11th November 1878; took up the survey of the South Rewah coal-fields in November 1878; 1879, Himalayas; 1880, deputed to Afghanistan to report on gold at Kandahar and petroleum at Sibi; passed in the vernacular on 15th September 1880; officiated in the 2nd grade from 13th March to 7th November 1880; officiated in the 2nd grade from 17th March 1881 to 24th January 1883; 1881, Kumaun, Himalayas and Europe on duty; 1882-83, Garhwal and Himalayas; promoted to 2nd grade on 25th January 1883; accompanied Takht-i-Suleiman Expedition in December 1883; 1883-84-85-86, Punjab; attached to Afghan Boundary Commission; officiated in 1st grade and as Deputy

Superintendent from 7th May to 7th November 1884; designation changed to Deputy Superintendent of the Geological Survey of India; returned to India and rejoined the Geological Survey of India on 1st November 1886; officiated as 1st grade Superintendent from 1st to 24th November 1886; 1886-87, Office; appointed C.I.E. on 16th February 1887; officiated as Superintendent from 27th April 1887 to 13th January 1888; services placed at the disposal of the Foreign Department from 14th January 1888 to 22nd July 1889 for deputation as Geologist to H. H. the Amir of Kabul; promoted to be Deputy Superintendent, 1st grade, from 13th July 1888; promoted to be Superintendent, from 22nd June 1889, Head Quarters.

Has contributed to the Survey publications 2 Memoirs and 11 Records.

War Services.—On 6th March 1880 was deputed on special service under the orders of the General Commanding Southern Afghanistan; was present at the action of Girishk, 14th July, and the battle of Maiwand, 27th July; attached as Lieutenant to the 66th Regiment, Kandahar Field Force, Order No. 271, dated 29th July 1880, and was present throughout the siege of Kandahar and the battle of Kandahar, 1st September 1880; favourably mentioned in despatches; received the acknowledgment of the Government of India—medal and clasp.

Mr. Richard Dixon Oldham, A.R.S.M., F.G.S.—Appointed in Europe by the Secretary of State on 6th November 1879; joined as 3rd grade Assistant on 17th December 1879; took up work in the Godavari Valley; 1880-81, Jaunsar and Sirmur; passed in the vernacular on 1st August 1881; 1881-82, on special service to Manipur; officiated in 2nd grade from 14th June 1881 to 10th April 1883; 1882-83 to 1883-84, Jaunsar and Andamans; promoted to 2nd grade on 11th April 1883; 1884-85, Andamans, on duty in Australia for 35 days after expiration of privilege leave, and North-East Rajputana; designation changed to Deputy Superintendent of the Geological Survey of India; 1885-86, North-East Rajputana; officiated as Superintendent, 1st grade, from 20th May to 31st October 1886; services placed at the disposal of the Foreign Department in connection with the mission to Tibet from 29th May to 8th August 1886; 1886-87, Rajputana, Himalayas, and Alwar; officiated as Deputy Superintendent, 1st grade, from 28th December 1887 to 13th January 1888; officiated as Superintendent from 14th January to 25th October 1888; officiated as Deputy Superintendent, 1st grade, from 26th October 1888 to 21st June 1889; appointed 1st grade Deputy Superintendent from 22nd June 1889; 1888-89, Rajputana, Himalayas and Baluchistan.

Has contributed to the Survey publications 4 Memoirs, 20 Records, and Bibliography of Indian Geology.

Mr. Pramatha Nath Bose, B.Sc. (*Lond.*), F.G.S.—Appointed in Europe by the Secretary of State on 13th May 1880; joined as 3rd grade Assistant on 30th July 1880; 1880-81, 1881-82, 1882-83, Lower Narbada Valley and Chhattisgarh; officiated in 2nd grade from 2nd March 1882 to 31st March 1884; promoted to 2nd grade from 1st April 1884; 1883-84, Chhattisgarh; 1884-85, Raipur; designation changed to Deputy Superintendent of the Geological Survey of India; 1885-86-87, Chhattisgarh; officiated as Deputy Superintendent, 1st grade, from 14th January to 25th October 1888; 1888-89, Jabalpur, Balaghat and Darjiling.

Has contributed to the Survey publications 1 Memoir and 7 Records.

Mr. Thomas Henry Digues LaTouche, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on 11th October 1881; joined in India as 3rd grade Assistant on 29th November 1881; 1881-82, Gáro Hills; passed in the vernacular on 5th June 1882; officiated in 2nd grade from 8th June 1882 to 17th November 1884; 1882-83 to 1883-84, Assam; officiated in 2nd grade from 22nd November 1884 to 27th April 1887; 1884-85, accompanied North-East Frontier Exploration party, and Assam; 1885-86-87, Assam; appointed 2nd grade Deputy Superintendent from afternoon of 27th April 1887; deputed to Kashmir to inspect sapphire mines from 29th July 1887 to 8th February 1888, and from 1st April to 6th December 1888; 1889, Assam and Chin-Lushai Expedition.

Has contributed to the Survey publications 11 Records.

Mr. Edward James Jones, A.R.S.M.—Appointed in Europe by the Secretary of State on the 20th September 1883; joined in India as 3rd grade Assistant on the 29th December 1883; 1884, Korea, Jhilmilli, and Chhindwara; passed in the vernacular on 2nd June 1884; officiated in 2nd grade from 29th April to 12th November 1884; 1884-85, Chhindwara, deputed to Kashmir to report on earthquake; 1885-86, Chhindwara and Burma; officiated as Deputy Superintendent, 2nd grade, and as Curator, from 27th April to 24th November 1886; 1886-87, Burma; officiated as Deputy Superintendent, 2nd grade, and as Curator from 28th June 1887 to 12th July 1888; promoted to be Deputy Superintendent, 2nd grade, from 13th July 1888; continued to act as Curator from 13th July to 25th October 1888; 1887-88, Head-Quarters; 1888-89, Head-Quarters and Baluchistan; officiated as Curator from 22nd June 1889; died on 15th October 1889.

Has contributed to the Survey publications 1 Memoir and 5 Records.

Mr. Charles Stewart Middlemiss, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on the 20th September 1883; joined in India as 3rd grade Assistant on the 29th December 1883; 1884, Jaunsar and Kumaun; officiated in 2nd grade from 7th May to 7th November

1884; passed in the vernacular on 6th October 1884; 1884-85, Kumaun, deputed to report on the Bengal earthquake; 1885-86, Kumaun; officiated as Deputy Superintendent, 2nd grade, from 20th May to 8th November 1886; 1886-87, Kumaun; officiated as 2nd grade Deputy Superintendent from 27th April 1887 to 31st March 1889; 1888-89, Kumaun and Salt Range, Punjab; promoted to be Deputy Superintendent, 2nd grade, from 1st April 1889.

Has contributed to the Survey publications 9 Records.

MR. FRITZ NOETLING, PH.D. (*Berlin U.*)—Appointed in Europe by the Secretary of State on 20th January 1887; joined in India as Palæontologist on 17th February 1887; 1887, Head-Quarters; passed in Hindustani by the Lower Standard on the 1st October 1888 at Mandalay; 1888-89, Burma and Head-Quarters.

Has contributed to the Survey publications 1 Record, and a report on the Upper Chindwin Coal Field.

MR. PHILIP LAKE, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on 9th December 1886; joined in India as 3rd grade Assistant Superintendent on the afternoon of 27th September 1887; 1887-88-89, Bellary, Malabar, Baluchistan and Head-Quarters; passed in the Vernacular by the Lower Standard on the 2nd July 1888 at Bellary.

MR. PARVATI NATH DATTA, B.SC. (*Lond.*), F.G.S.—Appointed in Europe by the Secretary of State on 27th April 1888; joined as 3rd grade Assistant Superintendent on the 25th June 1888; 1888-89, Head-Quarters, Himalayas and Salt Range, Punjab; passed in the Vernacular by the Lower Standard on the 1st July 1889 at Calcutta.

MR. WILLIAM ROBERT BION.—Joined the Survey as Librarian on 12th December 1870; appointed Head Clerk as well as Librarian on 1st August 1873; appointed Registrar on 31st December 1878; compiled and carried through the press a catalogue of the books in the Library of the Geological Survey of India, 1884; furlough from 18th April to 28th September 1885.

LALA KISHEN SINGH.—Joined the Survey as an Apprentice on 7th January 1874; 1874-76, Museum, Calcutta; 1876-77, 1877-78, and 1878-79, Sub-Himalaya; appointed Sub-Assistant on 1st April 1879; 1879-80, Punjab; 1880-81 to 1883-84, Gwalior; furlough from 1st October 1884 to 30th September 1885; 1885-86, Malwa, Mandla, and Seoni; 1887-88-89, Chhindwara, Balaghat and Baluchistan.

LALA HIRA LAL.—Joined the Survey as an Apprentice on 7th January 1874; 1874 to 1876, Museum; 1876-77, Sind; 1877-78, Satpura and Museum; 1878-79, Museum and Sirguja; appointed Sub-Assistant on 1st April 1879; 1879-80, Museum; 1880-81 to 1882-83, Museum and South Rewah; 1883-84, Korea, Jhilmilli, and Chhattisgarh; 1884-85-86-87, Chhattisgarh; 1888-89, Sirguja and Baluchistan.

MR. THOMAS RAMSAY BLYTH.—Joined the Survey as Museum Assistant on 1st March 1884.

REVENUE AND AGRICULTURAL—ARCHÆOLOGICAL SURVEY.

DAVIDITCH BEGLAR, born at Chinsura 1845; educated at Dacca Engineering College. Entered Public Works Department 24th August 1863, as probationary Assistant Engineer on Rs100 per mensem and house-rent R20 from 22nd December 1863; R150 from 1st October 1864 to 30th April 1865; raised to 3rd grade, 1st May 1865, on R200 to 9th May 1867; permanent, 2nd grade, 10th May 1867 to 28th February 1869, with deputation allowances R137-8, 5th November 1868 to 28th February 1869; Assistant Engineer, 1st grade, on R400 to 31st August 1870, and R450 from 1st September 1870 to 28th February 1871; Assistant in Archæological Survey of India on R500 from 1st March 1871 to 31st December 1879; retired on pension of R2,000 per annum and R6,000 gratuity; re-joined as Archæological Surveyor for Bengal, 1st October 1885, on R600, with annual increments of R25 for five years.

While under General A. Cunningham, Mr. Beglar wrote the following :—

(1).—Report on Delhi, 1871-72, forming the first portion of Vol. IV of the Archæological Survey Reports.

(2).—Report of a tour in Bundelkhand and Malwa, 1872-73, and in Central Provinces, 1873-74, in Vol. VII of the same.

(3).—Report of a tour through the Bengal Provinces in 1872-73, in Vol. VIII of the same.

(4).—Report of two tours in the south-eastern Provinces in 1874-75 and 1875-76, in Vol. XIII of the same.

CHARLES JAMES RODGERS, *Archæological Surveyor*, Punjab Circle.—Arrived in Amritsar, December 15th, 1863; was for 22 years Principal of the Normal School of the Christian Vernacular Education Society for India; gazetted Archæological Surveyor, Punjab Circle, 1st October 1885; took up that appointment, January 1st, 1886; privilege leave from 22nd July to 18th October 1889; has written the following papers in the Journal of Asiatic Society of Bengal—(1) on the death of Humāyūn; (2) on the Coins of Khusran Shah and Khusran Malik; (3) the copper coins of the old Maharajahs of Kashmir; (4) the copper coins of the Sultans of Kashmir; (5) the coins of the Maharajahs of Kāngra; (6) coins supplementary to Thomas' Chronicles of the Pathan Kings of Delhi [there are four papers published up to the present, each with two plates]; (7) copper coins of Akbar; (8) Guzni coins struck in Lahore; (9) the coins of the Sikhs); (10) Indian coins of Ahmad Shāh Durrānī; (11) on some more copper coins of Akbar; (12) rupees of Ranjit Deo of Jummūn; (13) on Nisārs; (14) rupees of the months of the Ilahi year of Akbar; (15) on some coins from Kandahar; (16) on the coins mentioned by Major Raverty in his notes to the translation of the Tabaqāt-i-Nasiri; (17) on Persian couplets on the coins of Jahāngīr; (18) on Persian couplets on the coins of the successors of Jahāngīr; (19) on miscellaneous rare coins.

In Numismatic Chronicle "on some coins of Nādir Shāh struck in India."

In Journal of Royal Asiatic Society "Coins of Shamsud Dīn Mahmud Shāh."

In Indian Antiquary "The rupees of the Suri Dynasty," The Punjab Magazine "How Coins illustrate History." Calcutta Review "Portable Indian Antiquities" and "Amritsar in 1881."

Is Associate Member, Asiatic Society of Bengal, Member of the Royal Asiatic Society and Numismatic Society of London and Fellow of the Punjab University.

In 1886 surveyed the Gurdaspur District and discovered and exhumed a large temple in Nurpur Fort, Kangra District. In 1886-87 surveyed the temples of the Kulū valley and Kangra District. In 1887-88, the Hisār and Rohtak Districts, together with Sonpat.

Has received on several occasions the thanks of the Punjab Government for Educational Work and for work in connexion with the Lahore Museum.

Has assisted in forming the coin cabinets in the Lahore Museum, the Government Central Museum, Egmore, Madras, and the British Museum, London.

REVENUE AND AGRICULTURAL—METEOROLOGICAL DEPARTMENT.

ELIOT.—Appointed by the Secretary of State in May 1869, Professor of Mathematics in Thomason Engineering College, Roorkee. Joined his appointment on 29th December 1869. Acted as Meteorological Reporter to the Government of the North-Western Provinces from 16th January 1871 to 12th February 1872. Was transferred to the Education Department, North-Western Provinces, and placed in the 4th grade in July 1872, and attached as Professor of Mathematics in the Muir College, Allahabad. Was appointed Meteorological Reporter to the Government of the North-Western Provinces on 1st November 1874. Transferred to the Bengal Education Department from 29th February 1876, and placed in the 3rd grade. Also appointed on the 24th March 1876 Meteorological Reporter to the Government of Bengal. Was appointed to the Presidency College as Professor of Physics. Privilege leave for 2 months and 8 days from 16th February 1877, and promoted temporarily to 2nd grade in the Education Department on 14th May 1877. On deputation to act as Meteorological Reporter to the Government of India for 10 months 9 days, from 8th April 1878. Rejoined his appointment in the Presidency College on 20th January 1879. Promoted to 2nd grade substantive *pro tem.* on 6th December 1879. Privilege leave for 3 months from 5th August to 4th November 1880. Confirmed in 2nd grade with effect from 15th March 1881. Officiated as Principal of the Presidency College from 30th December 1882 to 4th August 1883 and as Registrar of the Calcutta University during the same period. Privilege leave for 3 months from August 5th to 1st November 1883. On furlough for 21 months from 10th December 1884 to 24th September 1886. On deputation from 1st May 1887 to act as Meteorological Reporter to the Government of India. Appointed Meteorological Reporter to the Government of India from 7th May 1889.

W. L. DALLAS.—Appointed by the Right Honourable the Secretary of State on the 18th July 1882; arrived in India on September 5th, 1882; gazetted and joined appointment as Assistant Meteorological Reporter to the Government of India, September 11th, 1882; employed in the preparation of the daily weather reports and charts, and on the reduction, charting, and discussion of the Meteorological Registers of the Indian seas; appointed Meteorological Reporter to the Government of the Punjab, 1st December 1885, in addition to other duties.

Original Discussions:—The temperature of the British Isles (Popular Science Review, 1880).
Sunspots and British Weather (ditto ditto, 1881).
Meteorology of the southern portion of the Bay of Bengal, 1884.
The specific gravity of the waters of the Bay of Bengal, 1885.
Weather Charts of the Bay of Bengal, 1887.
Weather Charts of the Arabian Sea, 1888.
Memoir on the winds and monsoons of the Arabian Sea, 1887.

REVENUE AND AGRICULTURAL—INDIA

WOOD-MASON, *Superintendent.*—Educated at Charterhouse
ined the Indian Museum as Assistant Curator on October 12th,
ected for the post by Professor Huxley and Sir Joseph Hook
urgent private affairs without pay from March 1870 to October
sanctioned by Her Majesty's Secretary of State for India, July
act as Curator from October 25th, 1870, to March 17th, 1871; dep
collect specimens of the marine fauna of the Bay of Bengal at the A
April to June 17th, 1872; appointed to act as Curator from Septem
7th, 1872; appointed to act as Assistant Secretary to the Trustees in ad
duties; granted one month's privilege leave to collect for the Museum at t
from 1st to 31st March 1873; acted as Curator from July 9th, 1873, to May
as Professor of Comparative Anatomy and Zoology in the Medical College of
same period; designation changed from "Assistant Curator" to "Deputy Su
March 15th, 1877; acted as Assistant Secretary to the Trustees in addition to his
from April 1st to July 23rd, 1877; two years' furlough on medical certificate from
1877, to July 26th, 1879; acted as Superintendent from December 19th, 1879, to
30th, 1880, and as Professor of Comparative Anatomy and Zoology in the Medical C
the same period; one month's privilege leave from September 11th to October 7th,
deputed to Assam to make a scientific investigation regarding the insect pests of the Tea
(Report), March 17th to November 1881; acted as Superintendent from November 2
1881, to April 13th, 1882; acted as Assistant Secretary to the Trustees in addition to his ot
duties from February 25th, 1882, to September 9th, 1882; furlough to Europe on medic
certificate from September 9th, 1882, to March 21st, 1884; acted as Superintendent from
March 22nd to December 8th, 1884, and as Professor of Comparative Anatomy and Zoology
at the Medical College for the same period; re-appointed on February 21st, 1885, to act in
these same two offices; appointed substantively *pro tem.* to the Chair of Comparative Anatomy
in the Medical College with effect from June 6th to December 17th, 1886; deputed to the Silk
districts of Bengal to investigate the nature and causes of the diseases amongst the silk-worms,
and submitted Preliminary Report of his investigations, January 3rd, 1887; appointed Super-
intendent of the Indian Museum substantively *pro tem.* with effect from 6th June, 1886, to 6th
May, 1887; confirmed in the appointment of Professor of Comparative Anatomy in the
Medical College, Calcutta, 17th June, 1887; received the thanks of the Government of India
for his services in connection with the Colonial and Indian Exhibition, London, 1886; confirmed
in the appointment of Superintendent of the Indian Museum from the date of Dr. Anderson's
retirement, July 1887; appointed a Fellow of the University of Calcutta, 13th January 1888;
deputed as Naturalist on board Her Majesty's Indian Marine Steamer "Investigator," 5th
April to 12th May 1888.

Is author of reports on "The Tea-mite and the Tea-bug of Assam," London, 1884; on the *Paraponyx oryzalis*, an insect pest of the rice-plant in Burma, Calcutta, 1885; on the Rice-fly of Bengal, 1880, for which he received the thanks of the Government; and on the diseases of Bengal silk-worms and of very numerous original papers on different branches of Zoology and Comparative Anatomy published in the Transactions of the Zoological, Geological, and Entomological Societies of London, and of the Asiatic Society of Bengal, and in the Annals and Magazine of Natural History, between the years 1868 and 1889. Is also author of a "Catalogue of Mantodea," Part I, Calcutta, 1889.

R. W. L. SCLATER, B.A., F.Z.S., *Deputy Superintendent.*—Educated at Winchester and Keble College, Oxford; 1st Class Natural Science, 1886; appointment sanctioned by Her Majesty's Secretary of State for India, 25th August 1887. Joined the Museum as Deputy Superintendent, 21st November 1887; held charge of the office of Superintendent while that officer was on deputation, 5th April to 12th May 1888; and of the office of First Assistant to the Superintendent while that officer was on leave, 1st September to 31st October 1888; and 20th August to 10th October 1889.

R. E. C. COTES, *1st Assistant to the Superintendent.*—Joined the Museum on April 12th, 1884, having been selected as an Assistant for the Entomological Department by Her Majesty's Secretary of State for India, and was confirmed in his appointment, June 14th, 1886; privilege leave from 21st February to 9th March, 1887; granted privilege leave for two months from September 1st, 1888; and for six weeks from 20th August 1889.

Compiled, in conjunction with Colonel Swinhoe, Bo.S.C., a "Catalogue of the Moths of India," Calcutta, 1887-89; is author of two notes on Economic Entomology, namely, (i) "The

ia," and (ii) "The experimental introduction of Insec
published in "Indian Museum Notes."

stant to the Superintendent.—Joined the Museum as Ost
and Head Taxidermist, May 10th, 1871; privilege leave fro
5th, 1873; privilege leave from August 20th to November 2
r 17th, 1881, to October 16th, 1882; privilege leave from Apr
ivilege leave from 6th May to 5th August 1889.
paper on a skull of *Rhinoceros sondaicus*, published in the Jour
Bengal.
ary to the Trustees.—Vacant.

ARJI, F.L.S., *Assistant Curator, Art and Economic Section.*—Entered Governm
May 1868, in the Police Department, Cuttack, Bengal. 1st May 1870, appoin
ssistant and Head Clerk to Sir William Hunter, then Compiler of Gazetteers, subs
Director General of Statistics to the Government of India. 25th March 1875, trans
to the Department of Agriculture and Commerce, North-Western Provinces, where
as Head Assistant, Head Superintendent and Personal Assistant to the Director of the
rtment until September 1881. 20th September 1881, transferred to Government of India
the Revenue and Agricultural Department. 8th September 1882, appointed "Officer in
arge of Indian Exhibits for the Amsterdam Exhibition." March 1883, appointed "Officer in
harge of the Exhibition Branch," Revenue and Agricultural Department, Government of India. March 1886, deputed to England in connection with the Colonial and Indian Exhibition. Returned to India, January 1887. Appointed Assistant Curator, Art and Economic Section, 1st April 1887. Deputed to Glasgow on special duty in connection with the Glasgow Exhibition on 8th July 1887. Returned to India 14th October 1887; granted privilege leave for two months from October 17th, 1888.

Author of "A Rough List of Indian Art-ware," "a Descriptive Catalogue of Indian Exhibits sent to the Amsterdam Exhibition," "A Hand-book of Indian Products;" compiled a Hand-book of the "Art Manufactures of India," &c., &c.

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